

भारत का राजपत्र

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्ट्स और डिजाइन्स से सम्बन्धित अधिसूचनाएँ और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Kolkata, the 21st August 2004

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Maharashtra, Madhya Pradesh
and Goa and the Union
Territories of Daman and
Diu & Dadra and Nagar Haveli.

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2490 3852
Fax Nos. (022) 2495 0622, 2490 3852
E-mail: patmum@vsnl.net

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Telegraphic Address "PATENTOPIC"
Phone Nos. (011) 2587 1255, 2587 1256,
2587 1257, 2587 1258.
Fax No. (011) 2587 1256.
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,
Guna Complex, 6th Floor, Annex-II,
443, Annasalai, Teynampet,
Chennai—600 018.

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Karnataka, Kerala, Tamil Nadu and
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Territories of Laccadive, Minicoy and
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"
 Phone Nos. (044) 2431 4324/4325/4326.
 Fax Nos. (044) 2431 4750/4751.
 E-mail. patentchennai @ vsnl. net

4. Patent Office (Head Office),
 Nizam Palace, 2nd M.S.O. Building,
 5th, 6th & 7th Floor,
 234/4, Acharya Jagadish Bose Road,
 Kolkata-700 020.

Rest of India

Telegraphic Address "PATENTS"
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Fax Nos. (033) 2247 3851, 2240 1353.
 E-mail. patentin @ vsnl. com
 patindia @ giascl01. vsnl. net. in
 Website : <http://www.ipindia.nic.in>

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by The Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय

एक स्व तथा अभिकर्त्त्व

कोलकाता, दिनांक 21 अगस्त 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैः—

1. पेटेंट कार्यालय शाखा,
 टीडी इस्टेट, तीसरा तला,
 सन मिल कम्पाउण्ड,
 लोअर परल (ब्रेस्ट),
 मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश
 तथा गोआ राज्य क्षेत्र एवं
 संघ शासित क्षेत्र, दमन तथा दीव एवं
 दादर और नगर हवेली।

तार पता : "पेटेंटिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patnum@vsnl.net

2. पेटेंट कार्यालय शाखा,
 इलेंगू-5, वेस्ट पटेल नगर,
 नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, झज्जू
 तथा कश्मीर, पंजाब, राजस्थान,
 उत्तर प्रदेश तथा दिल्ली राज्य
 क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटिफिस"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,

2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent @ vsnl.net

पेटेंट कार्यालय शाखा,

गुण कम्प्लेक्स, छठा तला, एनेक्स-II,
 443, अन्नासलाई, तेनामपेट,
 चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु

तथा पाञ्जिक्षेरी राज्य क्षेत्र एवं संघ
 शासित क्षेत्र लक्ष्मीपुर, मिनिकाय तथा एमिनिदिवि द्वीप।
 तार पता - "पेटेंटिफिस"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
 भवन, ५वा, ६ठा व ७वा तला,
 234/4, आचार्य जगदीश बोस मार्ग,
 कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia @ giascl01. vsnl. net. in

वेब साइट : <http://www.ipindia.nic.in>

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक द्वारा अथवा बैंक द्वारा की जा सकती है।

CORRIGENDM

The sealing Notification in Gazette dated 08/11/2003 in respect of Patent No. 189806, for the date of sealing please read as 03/10/2003 instead of 30/09/2003.

In the Gazette of India, Part III, Section 2 dated 22.11.2003 in respect of Patent No. 191339 (Application No. IN/PCT/2000/00113/MUM), please read Text 39 pages in the Notification.

In the Gazette of India, Part III, Section-2 in respect of Patent No. 191356 (379/BOM/1998) dated 29.11.2003. Please delete the Priority Nos. 60/049721 dated 16/06/1997 of USA; 09/018987 dated 05/02/1998 of USA from Notification.

**APPLICATION FOR THE PATENT OFFICE AT PATENT OFFICE,
DELHI BRANCH, W-5 WEST PATEL NAGAR, NEW DELHI-110 008.**

22/6/2004

New Application No	Applicant Details
1165/DEL/2004	Khabensky Vladimir Bentsianovich, Kv. 3, d.32, Zagorodny pr, St. Petersburg, 191128, Russia and other. "A system for corium localisation and cooling for a damaged LWR nuclear reactor."
1166/DEL/2004	Staubli Faverges, of Place Robert Staubli, F-74210 Faverges, France.. "Weave system of jacquard type, weaving loom equipped with such a system and methods for assembly and dismantling of such a system." (Con. 30/6/2003, France)
1167/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Ergonomic pointing device," (Con. 14/7/2003, United States of America)
1168/DEL/2004	GE Medical Systems Global Technology Company LLC, 3000 North Grandview Boulevard, Waukesha, Wisconsin 53188-1696, USA. "Release mechanism for enabling manual manipulation of a motorized C-arm." (Con. 7/7/2003, United States of America)
1169/DEL/2004	TMT Machinery, Inc., 6th Fl., Osaka Green Bidg., 2-6-26, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan.. "Melt spinning apparatus." (Con. 24/7/2003, Japan)
1170/DEL/2004	International Business Machine Corporation, of Armonk, New York 10504, USA.. "Method and system for application installation and management using an application-based naming system including aliases." (Con. 17/7/2003, United States of America)

23/6/2004

1171/DEL/2004	Jain, Rakesh, S/o Mr. Muni Lal Jain, 45, Vir Nagar Jain Colony, Near R.P. Bagh Delhi-110007, India.. "Domestic Water Heater."
1172/DEL/2004	Jain, Rakesh, S/o Mr. Muni Lal Jain, 45, Vir Nagar Jain Colony, Near R.P. Bagh Delhi-110007, India.. "Pressure Protection Valve."
1173/DEL/2004	Pankaj Malhotra, B-23, New India Apartment, Sector-9, Rohini, Delhi-110085 and other. "Fluid Dispenser."
1174/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Communications device processor peripheral." (Con. 1/7/2003, U.S.A.)
1175/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Communication of information via a side-band channel, and use of same to verify positional relationship" (Con. 8/7/2003 & 16/1/2004, United States of America)
1176/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Automatic detection and patching of vulnerable files." (Con. 16/7/2003, United States of America)
1177/DEL/2004	ELF Atochem S.A., 4 & 8, Cours Michelet, 92800, Puteaux-(Hauts-de-Seine), France.. "Bulk Catalysts based on chromium and on nickel for the gas phase fluorination of halogenated hydrocarbons." (Con. 13/12/1996, France)

24/6/2004

1178/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.. "Diaryl Phenanthrenyl methanes."
1179/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.. "A natural Pigment based paracetamol syrup formulation."
1180/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "State migration in multiple nic rdma enabled devices." (Con. 17/7/2003, United States of America)
1181/DEL/2004	Falmer Investments Ltd., 3rd Floor, Omar Hodge Building, Wickhams Cay I, P.O. Box 382, Road Town, Tortola, British Virgin Islands.. "Improvements in and relating to Textile processing." (Con. 25/7/2003, United Kingdom)
1182/DEL/2004	Falmar Investments Ltd., 3rd Floor, Omar Hodge Building, Wickhams Cay I, P.O. Box 382, Road Town, Tortola, British Virgin Islands.. "Improvement in and relating to Textile processing machines." (Con. 13/8/2003, United Kingdom)
1183/DEL/2004	Falmer Investments Ltd., 3rd Floor, Omar Hodge Building, Wickhams Cay I, P.O. Box 382, Road Town, Tortola, British Virgin Islands.. "Heat Exchanger." (Con. 5/8/2003, United Kingdom)

25/6/2004

1184/DEL/2004	The Secretary, Department of Biotechnology, B-2, 7th Floor, CGO Complex, Lodhi Road, N. Delhi and Rajiv Gandhi Centre for Biotechnology, Poojapura, Trivandrum, Kerala.. "A chemotherapeutic composition used in the treatment of cancer."
1185/DEL/2004	Pradyumna Pandey, 31-C, Motilal Nahru Road, Allahabad-211002, U.P.. "An air-conditioned bed."
1186/DEL/2004	Honda Motor Co.,Ltd., at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Fuel cell vehicle." (Con. 11/7/2003, Japan)
1187/DEL/2004	Honda Motor Co.,Ltd., at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Fuel cell vehicle." (Con. 11/7/2003, Japan)
1188/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Secure hierarchical namespaces in peer-to-peer networks." (Con. 21/7/2003, United States of America)
1189/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.. "A cost-effective process for preparing agarose from gracielia spp."
1190/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.. "Method for drastically improving both the Selectivity and yield of hydrogen peroxide in the direct oxidation of hydrogen to hydrogen peroxide over a solid catalyst comprising palladium."
1191/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.. "An adikaste pimtomg ,ecjamos, capable of pan, tilt, roll and their combinations."
1192/DEL/2004	Snehma Moteurs, 2 Boulevard du Général Martial-Vallin, 75724, Paris Cedex, 15, France.. "Precision-forging parts manufacturing process." (Con. 23/7/2003, France)

28/6/2004

1193/DEL/2004	The Energy and Resources Institute, Darbari Seth Block, Hauz Khas, Lodhi Road, N. Delhi.. "A process for preparation of biopesticide based npf"
1194/DEL/2004	Van Leer South Africa (Proprietary) Limited, Van Leer House, 15 Wellington Road,

	Parktown, Johannesburg, South Africa.. "An Apparatus for packing a foodstuff."
1195/DEL/2004	Indian Council of Medical Research, V. Ramalingaswami Bhawan, Ansari Nagar, Post Box 4911, N.Delhi.. "Use of Solanum nigrum extract as larvical agent."
1196/DEL/2004	Lifecare Innovations Pvt. Ltd., B-589, Sushant Lok-1, Gurgaon, Haryana.. "Synergistic liposomal tamoxifen composition for topical application and method of preparing thereof."

29/6/2004

1197/DEL/2004	Kapil/Vidit Agarwal, MM-172, Sector D1, LDA, Colony, Kanpur Road, Lucknow-226012. "Water level indicator."
1198/DEL/2004	Jaspal Singh, Jail Lines, Haridwar Road, Dehradun-248001, Uttarakhand, India.. "Total Treatment of body diseases with ayurvedic medicine."
1199/DEL/2004	Hari Prabhat Gupta, 1-Ja-32, Teachers Colony, Keshavpura Kota, Rajasthan, India.. "Wireless optical system."
1200/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi.. "An apparatus for regulating bulk solids feeding to pulverisers."
1201/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi.. "Design of Variable fluid bed for optimizing superheater/reheater surfaces in a bubbling fluidised bed combustion boiler."
1202/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi.. "Design of in-bed surfaces for burning fuels of wide variation in quality in a bubbling fluidised bed combustion boiler."
1203/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi.. "Fuel pipe flexible joint."
1204/DEL/2004	Masatoshi Masuda, 2, 9-Banchi, Takada-cho, Saitama, Ukyou-ku, Kyoto-city, Kyoto, 615-0031, Japan.. "Fluid discharge pump and fluid container." (Con. 3/7/2003 & 10/7/2003, Japan)

30/6/2004

1205/DEL/2004	Kansai Paint Co., Ltd., 33-1, Kanzaki-cho, Amagasaki-shi, Hyogo-ken, 661-0964, Japan. "Water repellent film-forming composition and coating method by use of the same" (Con. 30/6/2003, Japan)
1206/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399, USA. "Vision-based document segmentation." (Con. 28/7/2003, United States of America)
1207/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399, USA. "Description language for an extensible compiler and tools infrastructure." (Con. 23/7/2003, United States of America)
1208/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Mapping architecture for arbitrary data models." (Con. 29/8/2003, United States of America)
1209/DEL/2004	Savio Macchine Tessili S.P.A., Via Udine 105-33170 Pordenone, Italy.. "Method and tensioning device for stabilizing and regulating the tension of thread being unwound from bobbins." (Con. 1/7/2003, Italy)
1210/DEL/2004	Indian Council of Medical Research, V. Ramalingaswami Bhawan, Ansari Nagar, Post Box 4911, N.Delhi.. "A novel cobalt complex useful for reversal of drug resistance and the preparation thereof."

1211/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "A process for the production of dense mangnesia-rich magnesium aluminate spinel as refractory aggregate "
1212/DEL/2004	Council Of Scientific & Industrial Research, Insdoc Building, 14, Satsang Vihar Marg , New Delhi. "Novel galactopyranosylated amino alcohols "
1213/DEL/2004	Council Of Scientific & Industrial Research, Insdoc Building, 14, Satsang Vihar Marg , New Delhi. "Bile acid derived steroidal dimers with amphiphilic topology having antiproliferative activity"
1214/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "A process for the continuous production of sinteractive lanthanum chromite based oxides."
1215/DEL/2004	Council Of Scientific & Industrial Research, Insdoc Building, 14, Satsang Vihar Marg , New Delhi. "Process for preparation of s-(--)-betaxolol hydrochloride "
1216/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "Polyamide composite membrane for reverse osmosis and method of producing the same."
1217/DEL/2004	Council Of Scientific & Industrial Research, Insdoc Building, 14, Satsang Vihar Marg , New Delhi. "Novel glycosylated aminoalcohols"
1218/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "Pyrrolo[2,1-C][1,4]Benzodiazepine-naphthalimide conjugates lined thruh piperazine moiety and process for preparation thereof."
1219/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "Iodizing agent and process for preparation thereof."
1220/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "An improved process for the fabrication of ultracapacitor electrodes using activated lamp black carbon."
1221/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "Novel Degradable co-polymer compositions, crosslinked polymes and process for preparation thereof."
1222/DEL/2004	Council Of Scientific & Industrial Research, Insdoc Building, 14, Satsang Vihar Marg , New Delhi. "A process for making lanthanum chromite dense products in air at low temperature particularly suitable for application solid oxide fuel cells ".
1223/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "Process for the preparation of polyurethane polyoyol from cardanol and rigid foams therefrom."
1224/DEL/2004	Council Of Scientific & Industrial Research, Insdoc Building, 14, Satsang Vihar Marg , New Delhi. "Process for preparing hydrogen peroxide"
1225/DEL/2004	Siemens Building Technologies AG, Bellerivestrasse 36, 8008 Zurich, Switzerland.. "Method and device for detecting flames." (Con. 11/7/2003, EP)
1226/DEL/2004	Panacea Biotec, B-1, Extn., /G-3, Mohan Co-op. Indl. Estate, Mathura Road, N.Delhi.. "Novel Extended release compositions."
1227/DEL/2004	Panacea Biotec, B-1, Extn., /G-3, Mohan Co-op. Indl. Estate, Mathura Road, N.Delhi.. "Novel oral mucoadhesive compositions."
1228/DEL/2004	Hyundai motor company, 231, Yangjae-dong, Seocho-ku, Seoul, Korea.. "A lubrication structure for a manual transmission." (Con. 14/8/2003, Korea)

1/7/2004

New Application No	Applicant Details
1229/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi.. "Fossil fuel injector"
1230/DEL/2004	Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi.. "Multi fuel burner."
1231/DEL/2004	Bayer Materialscience AG, D-51368, Leverkusen, Germany.. "Process for the production of polymeric sulfur." (Con. 23/7/2003, Germany)
1232/DEL/2004	AdobeAir Inc., 500 S. 15th Street, Phoenix, Arizona 85034, USA. "Cooling system with mesh grill and directional louvers." (Con. 10/9/2003, United States of America)
1233/DEL/2004	International Flavors & Fragrances Inc., at 521 West 57th street, New York, NY 10019, USA.. "E2,E4,Ze-Undecarienoic acid and ester and carboxamide derivatives thereof, organoleptic uses thereof and processes for preparing same." (Con. 10/7/2003 &4/6/2004 , United States of America)
1234/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N. Delhi.. "Solid oral dosage forms of azabicyclo derivatives."
1235/DEL/2004	Hyundai motor company, 231, Yangjae-dong, Seocho-ku, Seoul, Korea.. "Double clutch Transmission." (Con. 27/11/2003, Korea)

2/7/2004

1236/DEL/2004	Thomson Licensing S.A., 46 Quai A. Le Gallo, 92100 Boulogne-Billancourt, France.. "Individual video encryption system and method." (Con. 17/7/2003, EP)
1237/DEL/2004	Nitto Denko Corporation, 1-2, Shimo-hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan.. "Steel plate reinforcing sheet." (Con. 4/7/2003, Japan)
1238/DEL/2004	Akadech Ngamthanakitja, 1020/3, Village No. 7, Soi Phetkasem 106, Phetkasem Road, Nong Khang Phlu Sub-District, Nong Khaem District, Bangkok Metropolis 10160. "Roller shutter door construction."
1239/DEL/2004	Akadech Ngamthanakitja, 1020/3, Village No. 7, Soi Phetkasem 106, Phetkasem Road, Nong Khang Phlu Sub-District, Nong Khaem District, Bangkok Metropolis 10160. "Roller shutter door construction."
1240/DEL/2004	Akadech Ngamthanakitja, 1020/3, Village No. 7, Soi Phetkasem 106, Phetkasem Road, Nong Khang Phlu Sub-District, Nong Khaem District, Bangkok Metropolis 10160. "Roller shutter door construction."

5/7/2004

1241/DEL/2004	Smt. Rekha Jain, Gandhi Chowk, Rampura, Near SBBJ, Kota (Rajasthan).. "Comfort Cooler."
1242/DEL/2004	Trendon Touch Technology Corp. of 3F, No.114, Lien Chen Rd;; Chung Ho City, Taipei Hsien, Taiwan, Republic of China.. "Method of manufacturing circuit layout on touch panel by utilizing metal plating technology."

1243/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Zoned based security administration for data items." (Con. 30/7/2003, United States of America)
1244/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Synchronizing logical views independent of physical storage representations." (Con. 29/7/2003, United States of America)
1245/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Unified contact list." (Con. 1/8/2003, United States of America)
1246/DEL/2004	Chen Chih Hsing, of No. 148, Chung Al Road, Tsuo Ying Dist., Kachisung City, Taiwan.. "A Golf Ball Pushing Device."
1247/DEL/2004	Chen Chih Hsing, of No. 148, Chung Al Road, Tsuo Ying Dist., Kachisung City, Taiwan.. "A Golf Ball Dispensing Device."
1248/DEL/2004	Jister Co. Ltd., of Fl. 10, No. 373, Zhongshan Rd., Sanchong City, Taipei Helen, Taiwan.. "Notebook Having attachable speaker Device."
1249/DEL/2004	Whirlpool Corporation, 2000 North M-33, Benton Harbor, Michigan 49022, USA.. "Adjustable clothes hanger." (Con. 17/7/2003, United States of America)
1250/DEL/2004	Atofina, 4-8, Cours Michelet, 92800 Puteaux, France.. "Structure comprising a modified fluoropolymer and electrode based on this structure." (Con. 29/7/2003, France)
1251/DEL/2004	Lek Pharmaceutical and chemical company, D.D. of Verovskova 57, 1526 Ljubljana, Slovenia.. "Crystals of sodium salt of pravastatin." (Con. 6/8/1999, Slovenia)
1252/DEL/2004	Lek Pharmaceutical and chemical company, D.D. of Verovskova 57, 1526 Ljubljana, Slovenia.. "New salts of HMG-CoA reductase inhibitors." (Con. 19/9/1998, Slovenia)
1253/DEL/2004	Lek Pharmaceutical and chemical company, D.D. of Verovskova 57, 1526 Ljubljana, Slovenia.. "Crystals of sodium salt of pravastatin." (Con. 6/8/1999, Slovenia)

6/7/2004

1254/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Methods for determining the approximate location of a device from ambient signals." (Con. 22/7/2003 and 19/12/2003, United States of America)
1255/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Utilization of the approximate location of a device determined from ambient signals." (Con. 22/7/2003 and 19/12/2003, United States of America)
1256/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Systems for determining the approximate location of a device from ambient signals." (Con. 22/7/2003 and 19/12/2003, United States of America)
1257/DEL/2004	Hyundai motor company, 231, Yangjae-dong, Saacho-ku, Seoul, Korea.. "A line pressure variable control method and a system thereof for an automatic transmission." (Con. 17/11/2003, Korea)

7/7/2004

1258/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Head Mounted Multi-sensoryaudio Input system." (Con. 29/7/2003 & 7/8/2003, United States of America)
1259/DEL/2004	Piaggio & C. S.p.A., Viale Rinaldo Piaggio 25-Pontedera (Pisa, Italy).. "Coupling system between frame and engine group of a motor vehicle." (Con. 9/7/2003, Italy)

130/DEL/2004	Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, N. Delhi.. "A low energy process for dehulling of mustard seeds."
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8/7/2004

1261/DEL/2004	Juster Co. Ltd., Fl. 10, No. 373, Zhengshan Rd., Sancheng City, Taipei Hsien, Taiwan.. "Palm type delby decoding earphone device."
1262/DEL/2004	Retsch GmbH & Co. KG., of rheinische Strasse 36, 42781 Haan, Germany.. "Laboratory appliance having a sliding -feet supporting arrangement." (Gen. 11/7/2003, Germany)
1263/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "System and method for managing objects stored in a cache." (Gen. 1/8/2003, United States of America)
1264/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Method and apparatus for late-binding/dynamic pathname resolution." (Gen. 29/7/2003, United States of America)
1265/DEL/2004	Sneema Meteurs, of 2, boulevard du general martial valin, 75015 Paris, France.. "A device for pivotally guiding variable-pitch vanes in a turbomachine." (Gen. 10/7/2003, France)

9/7/2004

1266/DEL/2004	Sh. Shiv Darshan Malik & Jag Ram Kulhria, 700/25, Bharat Colony, Rohtak-124001, Haryana.. "Entrained flow Concentric Cylinder Biomass Gasifier System."
1267/DEL/2004	Sh. Shiv Darshan Malik & Jag Ram Kulhria, 700/26, Bharat Colony, Rohtak-124001, Haryana.. "Biomass Gasifier Engine System."
1268/DEL/2004	Sh. Shiv Darshan Malik & Jag Ram Kulhria, 700/26, Bharat Colony, Rohtak-124001, Haryana.. "Entrained flow loose biomass gasifier system."
1269/DEL/2004	Sh. Shiv Darshan Malik & Jag Ram Kulhria, 700/26, Bharat Colony, Rohtak-124001, Haryana.. "Two-stage biomass gasifier system."
1270/DEL/2004	The Secretary, Ministry of Non-Conventional Energy Sources, Block 14, C.G.O. Complex, Lodi Road, N. Delhi.. "A solar collector array (SCA) based on parabolic trough reflectors."
1271/DEL/2004	Moresen Laboratories Limited, Village-Masukhana, Distt.- Solan, Parwanoo(HP), India.. "An improved process for the manufacturing levoradine and its intermediate."
1272/DEL/2004	Authority Ltd., P.O. Box 2250, Haifa 310121, Israel.. "System for detection and estimation of periodic patterns in a noisy signal." (Gen. 10/7/2003, Israel)
1273/DEL/2004	Whirlpool Corporation, at 2000 North M-63, Benton Harbor, Michigan 49022, USA.. "Refrigerator and automated liquid dispenser therefor."
1274/DEL/2004	Exxon Research and Engineering Company, of 180 Park Avenue, Florham Park, New Jersey, 07932, United States of America.. "A material useful as a fuel heavier than gasoline." (Gen. 17/10/1995, United States of America)
1275/DEL/2004	Bose Corporation, of The Mountain, Framingham, Massachusetts 01701-9108, USA.. "Accepting user control." (Gen. 23/7/2003 & 5/4/2004, United States of America)
1276/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Dynamic photo caller identification." (Gen. 7/8/2003, United States of America)
1277/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Moving principals across security boundaries without service interruption." (Gen.

	(22/9/2003, United States of America)
1278/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "system and method for a transport independent gaming api for mobile devices." (Con. 1/8/2003, United States of America)
1279/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Delegated administration of a hosted resource." (Con. 26/8/2003, United States of America)
1280/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Self-maintaining real-time data aggregation" (Con. 26/9/2003, United States of America)

12/7/2004

1281/DEL/2004	Daiichi Fine Chemical Co. Ltd., of 530, Chokaiji, Takaoka-shi, Toyama 933-8511, Japan.. "Aminoketone asymmetric reductase and nucleic acid thereof." (Con. 2/3/2001, Japan)
1282/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Image file container." (Con. 30/9/2003, United States of America)
1283/DEL/2004	AGA Medical Corporation, 582 Mendelsohn Avenue, Golden Valley, Minnesota 55427, USA. "A sizing catheter for measuring septal defects." (Con. 21/8/1995, United States of America)
1284/DEL/2004	STMicroelectronics Pvt. Ltd., Plot No. 2,3 & 18, Sector 18A, Institutional Area, Noida, 201 3001 UP India.. "Encapsulated MAC Frames."

13/7/2004

1285/DEL/2004	Moteurs Leroy-Somer, Boulevard Marcellin Leroy, 18000 Angouleme, France.. "A brake and an electrical machine fitted with such a brake." (Con. 29/7/2003, France)
1286/DEL/2004	Microsoft Corporation, One Microsoft way, Redmond, Washington 98052-6399, USA.. "URL based filtering of electronic communications and web pages." (Con. 25/8/2003, United States of America)
1287/DEL/2004	Samsung Electronics Company Ltd., 418 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea.. "Apparatus for recording data on optical recording medium." (Con. 25/2/2002, Korea)

14/7/2004

1288/DEL/2004	Zeneca Limited, of 15 Stanhope Gate, London W1Y 8LN, England.. "A process for preparing an anthraquinone dye compound containing a fluorosulphonyl group." (Con. 10/2/1994, United Kingdom)
1289/DEL/2004	Sony Corporation, of 7-35, Kitashinagawa 8-chome, Shinagawa-ku Tokyo, Japan.. "Information recording device and information recording method." (Con. 18/7/2003, Japan)
1290/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Method for maintaining information about multiple instances of an activity." (Con. 28/9/2003, United States of America)
1291/DEL/2004	Gilead Sciences, Inc., of 333 Lakeside Drive, Foster City, California 94404, USA. "A method for preparing a fumaric acid salt or complex, C20H32N6O5P1.C4H4O4 (Form4) crystalline edefovir dipivoxil." (Con. 25/7/1997 & 25/7/1997, U.S.A.)
1292/DEL/2004	Indian Institute of Technology, Kanpur, 208016. "A tandoor."
1293/DEL/2004	Om Parkash Yadav, Village Gopalpur Gazi, Post, Gurian, Tahsil Kosli, Distt. Rewari.. "A set."
1294/DEL/2004	Hauni Maschinenbau AG Kurt-A.-Kobar-Chaussee 8-32, 21033 Hamburg, Germany.. "Method for detecting foreign bodies within a continuously guided product stream and apparatus for carrying out the method." (Con. 17/7/2003, EP)

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 01/KOL/2003 A

(22) Date of filing of : 01/01/2003
application

(54) Title of the Invention : "SPECIMEN SLIDE, IN PARTICULAR FOR FLUORESCENCE MICROSCOPY"

(51) International classification : B32B 27/00,
G01N 21/64

(30) Priority Data :

(31) Document No. 102 02 466.9

(32) Date : 23/01/2002

(33) Name of convention country
:GERMANY

(66) Filed U/a 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : CARL ZEISS
JENA GMBH., OF CARL-ZEISS-
PROMENADE 10, D-07745 JENA
GERMANY,

(72) Name of the Inventors :

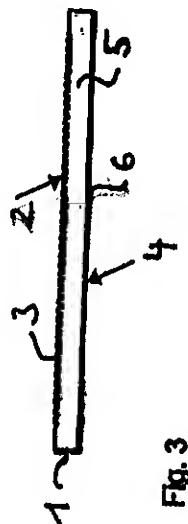
1. WESTPHAL PETER,

2. NEUMANN TOBIAS,

3. KUEHNER MARTIN,

4. GRAEFE DIETER.

(57) Abstract : In order to improve spatial resolution or sensitivity in measuring fluorescent layers, a specimen slide is provided which is not fluorescent by itself, is plate-shaped and has at least one plate side provided with fluorescent light absorbing properties or with an antireflection-coating for fluorescent radiation.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

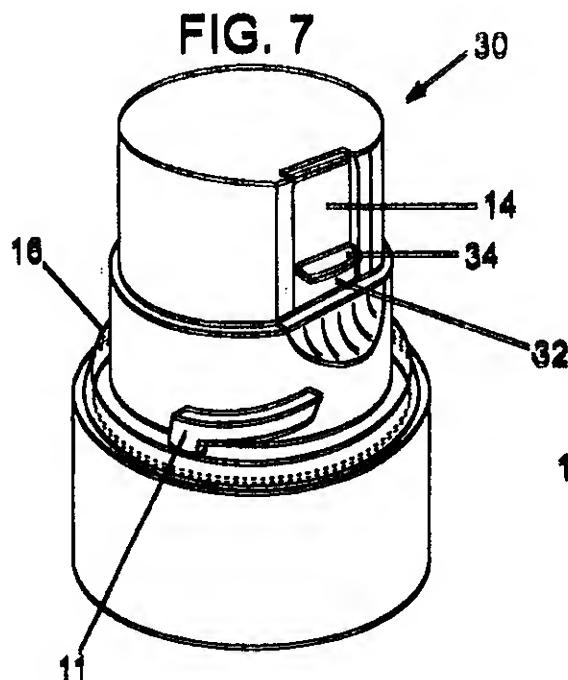
(21) Application No. 03/KOL/2003 A

(22) Date of filing of : 01/01/2003
application

(54) Title of the Invention : "TEST STRIP DISPENSER"

(51) International classification : G01N 31/00	(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MS 3D MILPITAS, CALIFORNIA 95035, U.S.A.
(30) Priority Data :	
(31) Document No. 10/052, 212	
(32) Date : 16/01/2002	
(33) Name of convention country : U.S.A.	
(66) Filed U/s 5(2) : NIL	
(61) Patent of addition to application No. NA	
(62) Filed on : NA	
(63) Divisional to Application No. : NIL	
(64) Filed on : NA	

(57) Abstract : Devices for dispensing test strips and methods of using the same are provided. The subject devices are characterized by having a housing made of a cover and a base configured to retain a plurality of test strips. In certain embodiments, the height of the base is less than the height of each of the test strips, such that a portion of each of the test strips extends beyond the distal or top edge of the base. The subject devices may further be characterized as having a substantially air and moisture tight seal. In using the subject devices, a plurality of test strips stored in a subject device are provided. A single test strip is removed from the subject device by moving the test strip distal to the remaining test strips. Also provided by the subject invention are kits for use in practicing the subject methods.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 04/KOL/2003 A

(22) Date of filing of : 01/01/2003
application

(34) Title of the Invention : "CONTROLLING FUEL VAPOR VENTINGS IN A FUEL TANK"

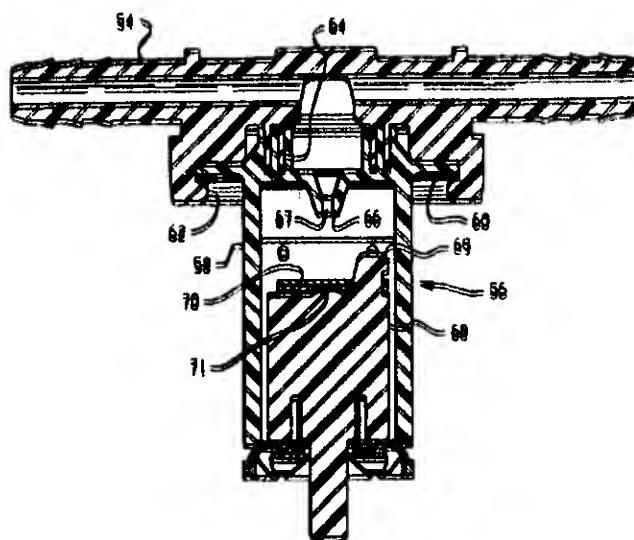
(51) International classification : B60K 15/00
(30) Priority Data :
(31) Document No. 10/041, 416
(32) Date : 08/01/2002
(33) Name of convention country : U.S.A.
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NIL
(64) Filed on : NA

(71) Name of the Applicant : EATON CORPORATION, AT EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, U.S.A.

(72) Name of the Inventors : VAUGHN KEVIN MILLS

(57) Abstract : A fuel vapour venting system for fuel tanks having a saddle-shaped upper wall. A vapour vent valve is disposed entirely within the tank in each vapour dome compartment formed by the upper tank wall. The vent valves are interconnected by a conduit passing under the lowest portion of the upper tank wall and a drain valve installed in the lowest point of the conduit. The drain valve may be pressure operated or float operated.

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Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 06/KOL/2003 A

(22) Date of filing of : 02/01/2003
application

(54) Title of the Invention : "A CONNECTOR PIN FOR AN EDGE OF A CIRCUIT BOARD"

(51) International classification : H01R 12/32, H05K 1/11

(30) Priority Data :

(31) Document No. 60/347, 405, 10/211, 445

(32) Date : 10/01/2002 & 02/08/2002

(33) Name of convention country :U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

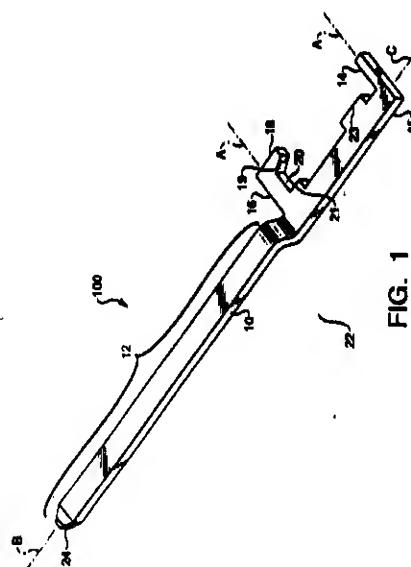
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : OSRAM SYLVANIA INC., OF STATE OF DELAWARE, U.S.A.

(72) Name of the Inventors : SANROMA JOHN P.

(57) Abstract : A connector pin includes an electrically conductive rod having a first end that extends longitudinally from an edge of a circuit board. The rod includes a plug at an opposite end of the rod that is inserted into an electrical receptacle on the circuit board. The plug is orthogonal to a longitudinal axis of the rod. A clamping pivot arm is between the first end and the plug and is parallel to the plug. The clamping pivot arm terminates with a hook whose end points toward the plug. The connector pin is pivoted about the clamping pivot arm pivotally so that the plug is inserted into the receptacle on the circuit board. The edge of the circuit board has a notch therein and the clamping pivot arm engages the notch to prevent lateral movement of the connecting pin. The plug and the clamping pivot arm prevent longitudinal movement of the connecting pin.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 07/KOL/2003 A

(22) Date of filing of : 03/01/2003
application

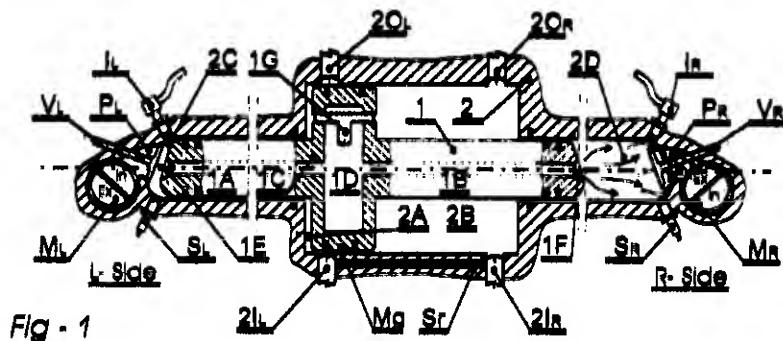
(54) Title of the Invention : "A RECIPROCATING I C ENGINE THAT DELIVERS COMPRESSED GAS DIRECTLY"

(51) International classification : F02B 25/08	(71) Name of the Applicant : MAZUMDAR TIRTHANKER, 78, CHANDIGARH MAIN ROAD, P.O. MADHYAMGRAM, DIST. 24 PGNS.(N), WEST BENGAL, KOLKATA – 700 130.
(30) Priority Data :	
(31) Document No. :	
(32) Date :	
(33) Name of convention country :	
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	(72) Name of the Inventors :
(62) Filed on :NA	MAZUMDAR TIRTHANKER.
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : This invention introduces a reciprocating I C engine that delivers mechanical energy directly as compressed gasses suitable for use as compressors.

The conventional reciprocating compressor coupled with a reciprocating Engine involves connecting-rod crankshaft mechanism at both the engine and compressor ends, causing high frictional losses. Even the highest speed limit to which the combine can be drive, is restricted by inertial forces generated by these mechanisms- limiting the output capacity of the combine.

This invention intends to overcome these shortcomings by eliminating those mechanisms, through rigidly linking the two cylinders together and directly driving the Compressor cylinder with Engine cylinder, this while lowers frictional losses also increases the higher speed limits of this combine – increasing its capacity (with same size). It introduces a Modified Two Stroke cycle that doubles the Engine power while offering other advantages over conventional two stroke cycle, and dual acting cylinders for both Engine & Compressor that further improves volume/weight utilization and lowers frictional losses. The invention contemplates two inlet/exhaust valve designs that would perform better with reduced numbers of moving components. The starting device & power supply for the same, is built-in here (no additional systems required) – and powerful one. While the former is made available by converting the compressor cylinder to air motor, the latter comes from its receiver tank.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 08/KOL/2003 A

(22) Date of filing of : 03/01/2003
application

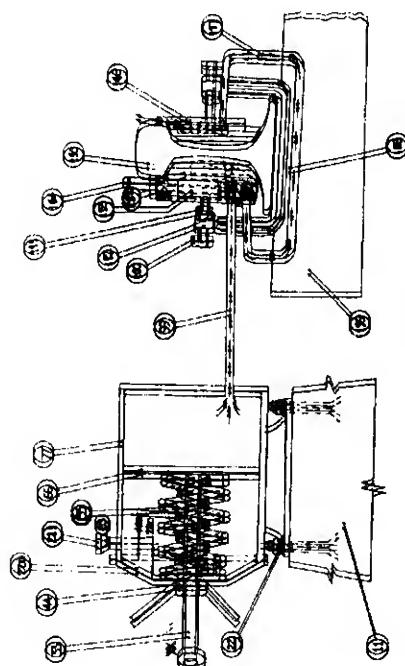
(54) Title of the Invention : "A DEVICE FOR LUBRICATING THE GAUGE FACE OF THE RAIL AND WHEEL FLANGE"

(51) International classification : B61K 3/00
(30) Priority Data :
(31) Document No.
(32) Date :
(33) Name of convention country :
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. : NA
(62) Filed on : NA
(63) Divisional to Application No. : NIL
(64) Filed on : NA

(71) Name of the Applicant : RAWATSONS ENGINEERS (P) LTD., 5K, STEPHEN COURT, 10A, PARK STREET, KOLKATA - 700 071.

(72) Name of the Inventors : DAMARU DHAR RAWAT.

(57) Abstract : A device for lubricating the gauge face of the rail and wheel flange comprises a container (7) containing grease, said container is fixed to a concrete foundation (1) outside the rail (15) track ; a pump (13), comprising a plunger (14) and a non-return valve (25), is fixed on a base (22) ; an applicator (16) for greasing the gauge face of the rail and wheel flange (24) ; said base (22) is fixed at the outer side of the rail and applicator (16) on the inner side of the rail by a pair of U-clamps (12) by means of lock nuts (11) and clamping bolts (10) and the grease container is connected to the pump by a grease outlet pipe (9) for supplying grease to the pump.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 09/KOL/2003 A

(22) Date of filing of : 07/01/2003
application

(54) Title of the Invention : "TRANSMITTER OF A REDUCED COMPLEXITY SIGNAL TRANSMISSION SYSTEM"

(51) International classification : H04L 23/00

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No.

:112/CAL/97

(64) Filed on :21/01/1997

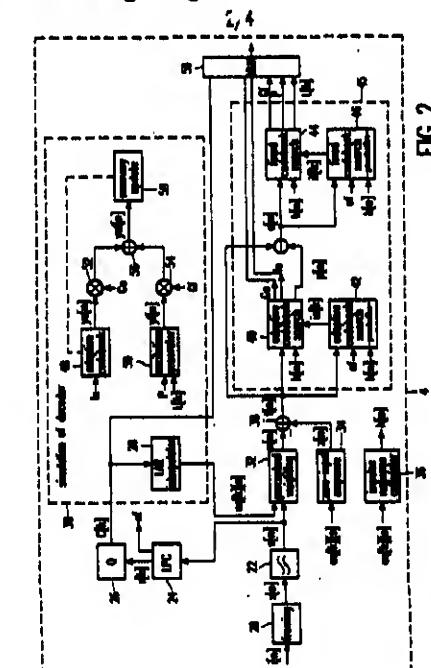
(71) Name of the Applicant :

KONINKLIJKE PHILIPS ELECTRONICS
N.V., AT GROENEWOUDSEWEG 1, 5621
BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :

1. FRIEDHELM WUPPERMANN,
2. ERIC KATHMANN,
3. ROBERT JOHANNES SLULITER,
4. FRANSISCUS MARINUS JOZEPHUS DE
BONT.

(57) Abstract : The invention provides a transmitter of a reduced complexity signal transmission system for transmitting an input signal comprising an encoder with analysis means for deriving a plurality of analysis parameters representing characteristic properties of the input signal, the encoder further comprises an excitation sequence generator for generating a plurality of excitation sequences, selection means for selecting an excitation sequence resulting in a minimum error between a synthetic signal derived from said excitation sequence, and a target signal derived from the input signal, the transmitter being arranged for transmitting a signal representing the selected excitation sequence, characterised in that the encoder comprises a reduced complexity synthesis filter receiving a reduced set of analysis parameters from the analysis means, for deriving from the plurality of excitation sequences a plurality of synthetic signals, and in that the selection means are arranged for selecting an excitation sequence resulting in a minimum error between the corresponding synthetic signal and the target signal.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 10/KOL/2003 A

(22) Date of filing of : 07/01/2003
application

(54) Title of the Invention : "ENCODER OF A READUCED COMPLEXITY SIGNAL TRANSMISSION SYSTEM"

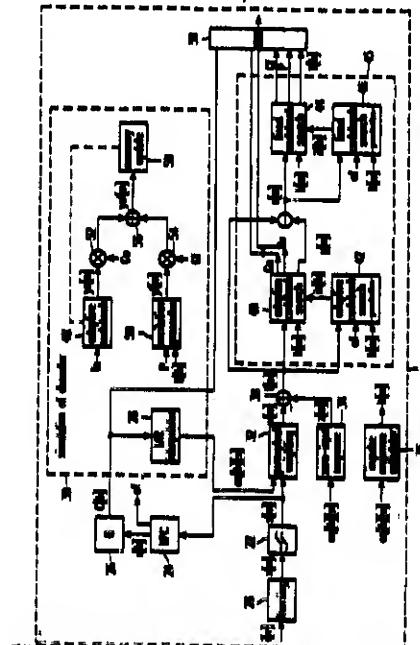
(51) International classification : H04L 23/00
 (30) Priority Data :
 (31) Document No.
 (32) Date :
 (33) Name of convention country :
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No. NA
 (62) Filed on :NA
 (63) Divisional to Application No.
 :112/CAL/97
 (64) Filed on :21/01/1997

(71) Name of the Applicant :
KONINKLIJKE PHILIPS ELECTRONICS N.V., AT GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.
 (72) Name of the Inventors :
 1. FRIEDEM WUPPERMANN,
 2. ERIC KATHMANN,
 3. ROBERT JOHANNES SLULITER,
 4. FRANSISCUS MARINUS JOZEPHUS DE BONT.

(57) Abstract : The Invention provides an encoder of a reduced complexity signal transmission system comprising analysis means for deriving a plurality of analysis parameters representing characteristic properties of the input signal, an excitation sequence generator for generating a plurality of excitation sequences, selection means for selecting an excitation sequence resulting in a minimum error between a synthetic signal derived from said excitation sequence, and a target signal derived from the input signal, the encoder being arranged for generating a signal representing the selected excitation sequence, characterised in that the encoder comprises a reduced complexity synthesis filter receiving a reduced set of analysis parameters from the analysis means for deriving from the plurality of excitation sequences a plurality of synthetic signals, and in that the selection means are arranged for selecting an excitation sequence resulting in a minimum error between the corresponding synthetic signal and the target signal.

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Fig.2



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 11/KOL/2003 A

(22) Date of filing of : 13/01/2003
application

(34) Title of the Invention : "A STORAGE TANK MADE OF POLYMERIC MATERIAL FOR HOLDING WATER IN RAILWAY COMPARTMENTS"

(51) International classification : B65D 88/00

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

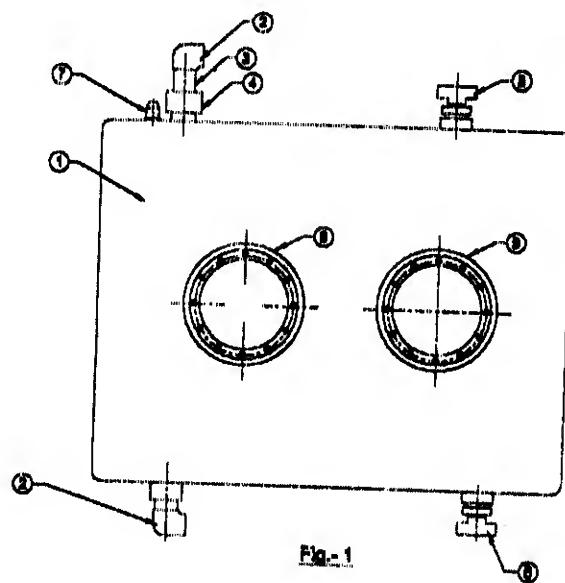
(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : SANJAY BUDHIA, OF 3C, CAMAC STREET, KOLKATA – 700 016, WEST BENGAL, INDIA.

(72) Name of the Inventors : SANJAY BUDHIA

(57) Abstract : A storage tank made of polymeric material for holding water in railway compartment wherein the upper surface of said tank is made to conform to shape of the internal dome structure of the coach and the other three sides form a quadrilateral structure having two openings on the said upper surface, each of which carries a lid, closed by suitable closing means, and a plurality of openings are provided in the upper and lower parts of the said tank on two opposing sides, the lower one serving as outlet and the upper one as inlet for filling the tank with water.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 12/KOL/2003 A

(22) Date of filing of : 13/01/2003
application

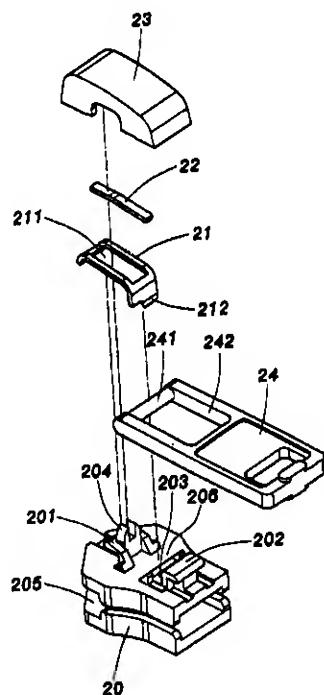
(54) Title of the Invention : "POSITIONING MECHANISM OF A ZIPPER SLIDE"

(51) International classification : A44B 19/30
(30) Priority Data :
(31) Document No. 91203179
(32) Date : 15/03/2002
(33) Name of convention country : TAIWAN,
R.O.C.
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NA
(64) Filed on : NA

(71) Name of the Applicant : CHUNG
CHWAN ENTERPRISE CO. LTD., OF NO.
151, KUNG ERH ROAD, WU LIN TSUEN,
LUNG TAN HSIANG, TAO YUAN HSIEN,
TAIWAN, R.O.C.

(72) Name of the Inventors :
LIN YU-PAU

(57) Abstract : A positioning mechanism of a zipper slide for engaging or disengaging two lengths of teeth on two opposite teeth tapes is disclosed. The positioning mechanism includes; a main body having a buckling portion, a plane surface, a recess, and a support portion formed thereon, wherein a positioning member positioned on the buckling portion of the main body, wherein the positioning member has a locking part, which can insert into the recess of the main body, formed in one end of the positioning member; a pull tab unit for facilitating the manipulation of pulling the zipper slide, wherein the pull tab unit has a beam that is placed on the plane surface; and a lid connected with a top surface of the main body and covering the buckling portion, the plane surface, the recess, the support portion, the positioning portion, and the front of the pull tab unit.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 13/KOL/2003 A

(22) Date of filing of : 14/01/2003
application

(54) Title of the Invention : "TRANSMITTER OF A REDUCED COMPLEXITY SIGNAL TRANSMISSION SYSTEM"

(51) International classification : H04L 9/00

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :98/CAL/97

(64) Filed on :20/01/97

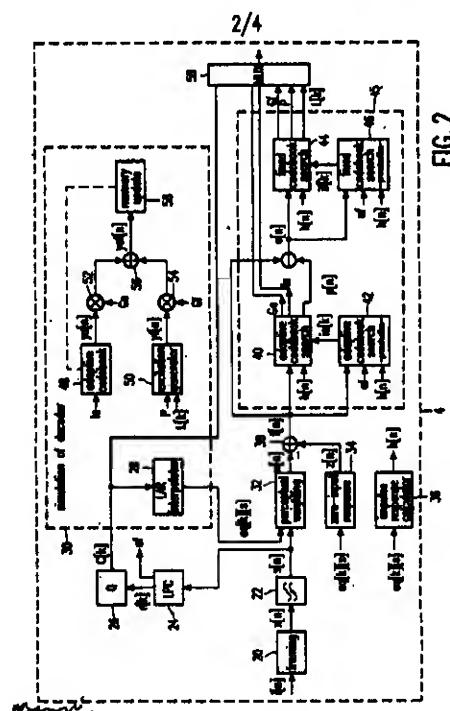
(71) Name of the Applicant :

KONINKLIJKE PHILIPS ELECTRONICS
N. V., AT GROENEWOUDSEWEG 1, 5621
BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :

1. FRIEDHELM WUPPERMANN,
2. FRANCISCUS MARINUS JOSEPHUS DE
BONT.

(57) Abstract : The invention provides a transmitter of a reduced complexity signal transmission system for transmitting an input signal, the transmitter comprising an encoder with an excitation sequence generator for generating a plurality of excitation sequences, selection means for selecting an excitation sequence from a plurality of excitation signals resulting in a minimum error between a synthetic signal derived from said excitation sequence, and a target signal derived from the input signal, the transmitter being arranged for transmitting a signal representing the selected excitation sequence, characterised in that the encoder comprises an analysis filter for deriving from the input signal a residual sequence, in that the encoder comprises excitation sequence selection means for selecting from a large set of excitation sequences the plurality of excitation sequences having the largest resemblance with the residual sequence.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 14/KOL/2003 A

(22) Date of filing of : 14/01/2003

application

(54) Title of the Invention : "OPHTHALMIC DEVICES CONTAINING HETEROCYCLIC COMPOUNDS AND METHODS FOR THEIR PRODUCTION"

(51) International classification : A61L 2/16,
G02C 7/04

(30) Priority Data :

(31) Document No. 60/348585 & 10/320572

(32) Date : 14/01/2002 & 16/12/2002

(33) Name of convention country :U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant :JOHNSON & JOHNSON VISION CARE, INC., OF 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FLORIDA 32256, U.S.A.

(72) Name of the Inventors :
RATHORE OSMAN

(57) Abstract : This invention relates to ophthalmic devices and methods for their production where the ophthalmic device contain a polymer and at least one heterocyclic compound comprising at least one N-Cl and /or Br bond.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

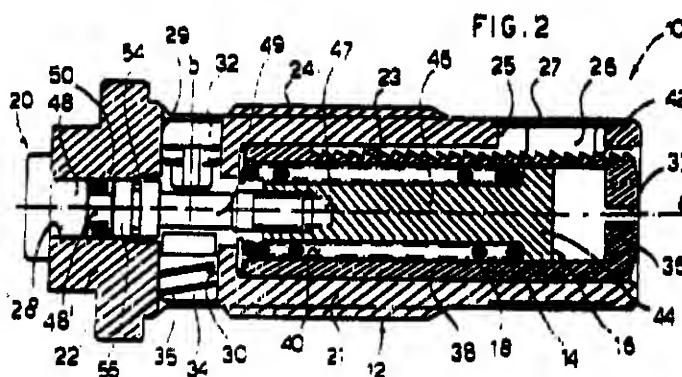
(21) Application No. 16/KOL/2003 A

**(22) Date of filing of : 15/01/2003
application**

(54) Title of the Invention : "HYDRAULIC TENSIONER OF THE HOLLOW PISTON TYPE WITH A SCREW-TYPE RETAINING DEVICE"

<p>(51) International classification : F16H 7/08, 7/22</p> <p>(30) Priority Data :</p> <p>(31) Document No. 02425131.6</p> <p>(32) Date : 07/03/2002</p> <p>(33) Name of convention country :EPO</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NA</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : MORSE TEC EUROPE, S.R.L., OF VIA CESARE BATTISTI, 122, 20043 ARCORE, MILANO, ITALY.</p> <p>(72) Name of the Inventors : MAINO BRUNO</p>
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(57) Abstract : A cartridge tensioner (10), for drive transmission belts and chains comprises a cylinder (12) with a cylinder bore (23), a piston (14) slidably received in the cylinder bore and provided with a piston bore (40), a vent device (16) housed in the piston bore and comprising an end disc-shaped or a convex part and a stem integral with each other, a pressure spring (18) acting between a shoulder of the cylinder and the vent device, and a retaining device (20), accessible from the outside of the cylinder. The retaining device, in a position engaged with the stem of the vent device, retains said vent device preventing the action of the spring on the piston, and in a position of disengagement from the stem of the vent device allows the spring to bias the device against the piston and to act consequently on the piston.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 18/KOL/2003 A

(22) Date of filing of : 17/01/2003
application

(54) Title of the Invention : "A PROCESS FOR THE PREPARATION OF A SOLID TITANIUM CATALYST COMPONENT"

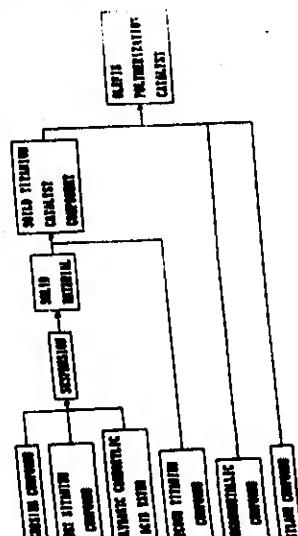
(51) International classification : C08F 4/654, 10/00	(71) Name of the Applicant : MITSUI CHEMICALS, INC., OF 2-5 KASUMIGASEKI 3-CCHOME, CHIYODA-KU, TOKYO, JAPAN.
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. 7-263237	1. KIOKA MAMORU, 2. KAO SHINICHI, 3. YASHIKI TSUNEO.
(32) Date : 11/10/95	
(33) Name of convention country :JAPAN	
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :1786/CAL/96	
(64) Filed on :10/10/96	

(57) Abstract : The invention provides a process for the preparation of solid titanium catalyst component which produces polyolefin's having high stereo specificity and bulk density with a reduced amount of finely divided polymer powder. The invention provides the solid titanium catalyst component, a preliminary polymerization catalyst containing the same, an olefin polymerization catalyst and a process for olefin polymerization.

The invention provides a process for the preparation of a solid titanium catalyst component which comprises:

- (1) a step wherein (a) a liquid magnesium compound and (b-1) a liquid titanium compound are contacted with each other in the presence of (c) an electron donor to prepare a suspension (1);
- (2) a step wherein a solid component (α) is separated from the suspension (1); and
- (3) a step wherein the solid component (α) is contacted with (b-2) a liquid titanium compound under heating;

wherein the solid component (α) is maintained at a temperature in the range of 70-130°C in the step (2) and the step (3).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 19/KOL/2003 A

(22) Date of filing of : 17/01/2003
application

(54) Title of the Invention : "COSMETIC BODY PIGMENT AND PROCESS FOR PREPARING THE SAME"

(51) International classification : A61K 7/00, 70/21 (30) Priority Data : (31) Document No. JP 2002-013009 (32) Date : 22/01/2002 (33) Name of convention country :JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA	(71) Name of the Applicant : MERCK PATENT GMBH., OF FRANKFURTER STRASSE 250 64293 DARMSTADT, GERMANY. (72) Name of the Inventors : WATANABE YUKITAKA.
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(57) Abstract : A cosmetic body pigment having a good skin feel, no blue color, a high soft focusing effect (low viewing angle dependency of reflected light intensity), a natural color tone against the skin , and a moderate hiding power (wrinkle hiding effect) is provided. The cosmetic body pigment is characterized in that TiO₂ fine particles are deposited separately with form of mono layer on the surface of a thin-platelet like substrate.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 21/KOL/2003 A

(22) Date of filing of : 20/01/2003
application

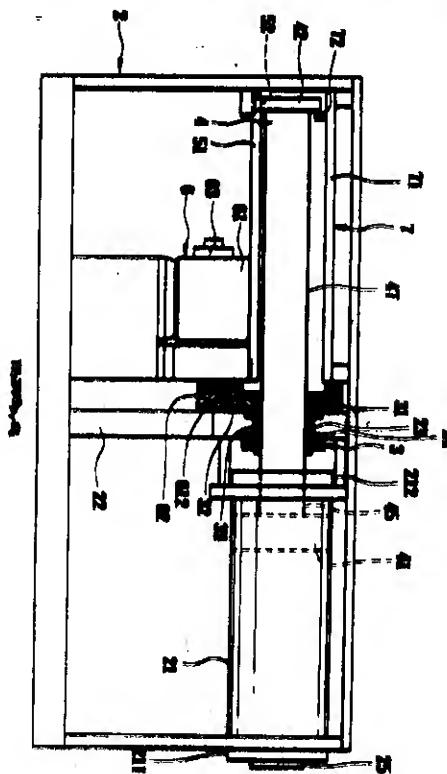
(54) Title of the Invention : "RUBBER EXTRUDER"

(51) International classification : B23C 47/00
 (30) Priority Data :
 (31) Document No.
 (32) Date :
 (33) Name of convention country :
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No. NA
 (62) Filed on :NA
 (63) Divisional to Application No. :NA
 (64) Filed on :NA

(71) Name of the Applicant : MULTIPLE CORPORATION, OF NO. 17, CHIH-CHIANG 3RD RD., NAN-KANG INDUSTRIAL PARK, NAN-TOU CITY, NAN-TOU HSIEN, TAIWAN.

(72) Name of the Inventors :
 1. YANG CHIH-HAO,
 2. LIAO HSUEH-CHENG.

(57) Abstract : A rubber extruder (2) includes a barrel (21), a screw rod (4) extending into the barrel (21), a threaded member (33) threaded engaging the screw rod (4) and rotatable relative to the screw rod (4), a limiting member (51) for limiting rotation of the screw rod (4) upon rotation of the threaded member (33) so as to permit axial movement of the screw rod (4), and a driving unit (6) for rotating the threaded member (33).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 22/KOL/2003 A

(22) Date of filing of : 21/01/2003

(54) Title of the Invention : "LEARNING SYSTEM"

(51) International classification : G09B 5/00, 7/00

(71) Name of the Applicant : SAGA UNIVERSITY, OF 1, HONJO-MACHI, SAGA CITY, SAGA PREF., JAPAN.

(30) Priority Data :

(72) Name of the Inventors :

(31) Document No. 2002-29, 324

1. HOYASHITA SHIGERU,

(32) Date : 06/02/2002

2. IKEGAMI YASUYUKI,

(33) Name of convention country :JAPAN

3. SUMI KAZUHIRO.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

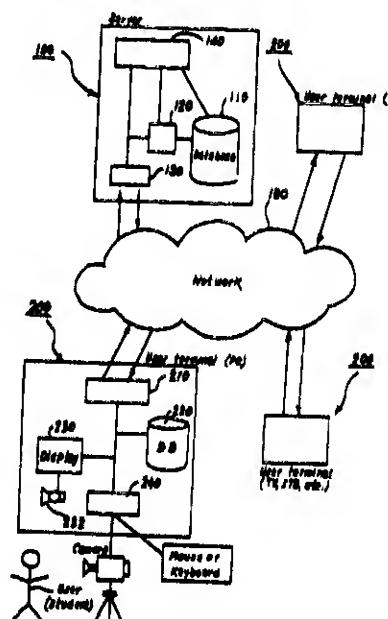
(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(57) Abstract : A learning system including a server and user terminal is provided for providing a lecture to a user and for evaluating the user. The present systems has the server and the user terminal, the server has a store unit for storing at least one educational material and a transmitting unit for transmitting said educational material to the user terminal, the user terminal has a receiving unit for receiving said educational material from the server; display unit for presenting the received educational material to a user; a recognizing unit for recognizing movement of the user; and a transmitting unit for transmitting said recognized movement, wherein the server further has a receiving unit for receiving the movement from the user terminal and an evaluating part for evaluating learning behaviour of the user based on the movement.

Fig. 6



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 23/KOL/2003 A

(22) Date of filing of : 21/01/2003
application

(54) Title of the Invention : "LOW NICKEL CONTAINING CHROMIUM-NICKEL MANGANESE-COPPER AUSTENITIC STAINLESS STEEL"

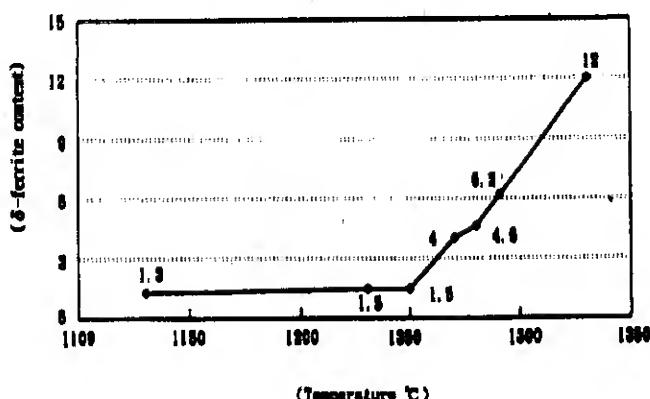
(51) International classification : C22C 38/58
(30) Priority Data :
(31) Document No. 091124567
(32) Date : 23/10/2002
(33) Name of convention country : TAIWAN
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NA
(64) Filed on : NA

(71) Name of the Applicant : YIEH UNITED STEEL CORP., OF 600, SHING LOONG ST., JIA HSING LII, KANGSHAN JENN, KAOHSIUNG HSIEN, TAIWAN.

(72) Name of the Inventors :
1. HSIEH MENG-SHIN,
2. WU YI-CHENG,
3. HUANG PEI-TE,
4. LIU HAO-SHANG.

(57) Abstract :

An austenitic stainless steel includes (a) 0.03wt% to 0.12wt% of C, (b) 0.2wt% to 1.0wt% of Si, (c) 7.5wt% to 10.5wt% of Mn, (d) 14.0wt% to 16.0wt% of Cr, (e) 1.0wt% to 5.0wt% of Ni, (f) 0.04wt% to 0.25wt% of N, (g) 1.0wt% to 3.5wt% of Cu, (h) trace amount of Mo, and the balance being Fe and incidental impurities. The austenitic stainless steel has a δ-ferrite content less than 8.5 and equal to $6.77[(d)+(h)+1.5(b)] - 4.85[(e)+30(a)+30(f)+0.5(c)+0.3(g)] - 52.75$.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 24/KOL/2003 A

(22) Date of filing of : 22/01/2003
application

(54) Title of the Invention : "A PRIMARY STATION FOR USE IN A MESSAGE TRANSMISSION SYSTEM"

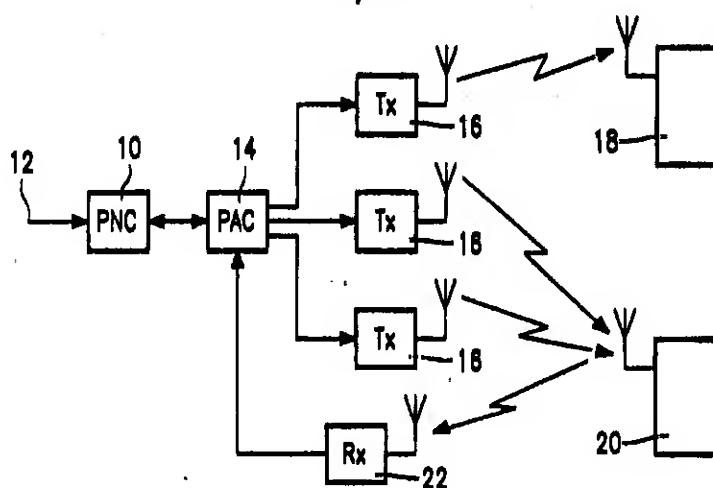
(51) International classification : H04Q 7/00
 (30) Priority Data :
 (31) Document No. GB 9611146.3
 (32) Date : 29/05/96
 (33) Name of convention country :GB
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No. NA
 (62) Filed on :NA
 (63) Divisional to Application No.
 :946/CAL/97
 (64) Filed on :26/05/97

(71) Name of the Applicant :
 KONINKLIJKE PHILIPS ELECTRONICS
 N. V., AT GROENEWOUDSEWEG 1, 5621
 BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :
 1. RODNEY WILLIAM GIBSON,
 2. DAVID JOSEPH SMITH

(57) Abstract : The invention provides a primary station for use in a message transmission system in which messages are transmitted on a down-link to plurality of secondary stations which are capable of transmitting on an up-link, characterised in that the primary station comprises means for compiling the message to be transmitted, means for transmitting the complied messages, means for transmitting a signal inviting the secondary stations to transmit responses to the messages, means for receiving and analysing the responses, means for acknowledging receipt of responses which were analysed successfully, means for determining which of the transmitted messages have been responded to and for repeating the invitation to invite the secondary station whose responses have not been acknowledged to transmit/re-transmit their responses.

1/4



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents' (Amendment) Act, 2002

(21) Application No. 25/KOL/2003 A

(22) Date of filing of : 22/01/2003
application

(54) Title of the Invention : "A SECONDARY SYSTEM FOR USE IN A MESSAGE TRANSMISSION SYSTEM"

(51) International classification : H04Q 7/00

(30) Priority Data :

(31) Document No. GB 9611146.3

(32) Date : 29/05/96

(33) Name of convention country :GB

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No.

:946/CAL/97

(64) Filed on :26/05/97

(71) Name of the Applicant :

KONINKLIJKE PHILIPS ELECTRONICS
N. V., AT GROENEWOODSEWEG 1, 5621
BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :

1. RODNEY WILLIAM GIBSON,
2. DAVID JOSEPH SMITH

(57) Abstract : The invention provides a secondary station for use in a message transmission system in which messages are transmitted on a down-link to a plurality of the secondary stations, characterised in that the secondary station comprises means for receiving the messages, means for determining if any one of the messages is addressed to it, means for receiving an invitation to reply signal, means for transmitting on an up-link a response to the any one message addressed to it, and means responsive to not receiving an acknowledgement of its response for repeating the transmission of the response when invited to do so.

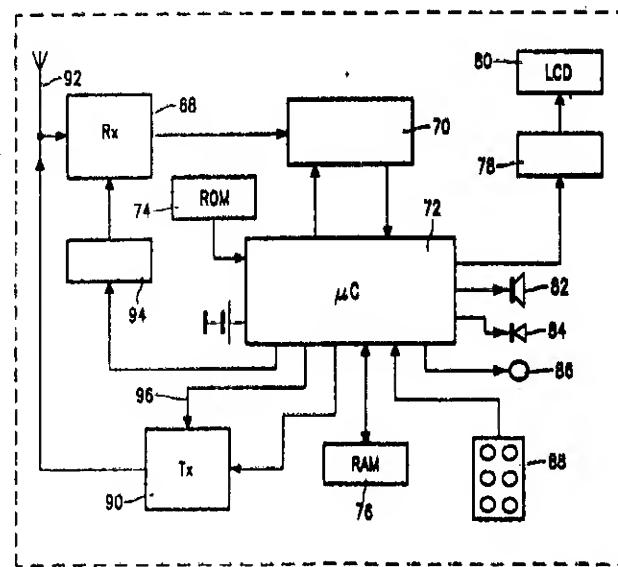


FIG 8

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 26/KOL/2003 A

(22) Date of filing of : 22/01/2003
application

(54) Title of the Invention : "METHOD OF MEASURING THE STRESS OR RELAXATION LEVEL OF A MAMMAL"

(51) International classification : A61B 5/00
(30) Priority Data :
(31) Document No. 0202032.9
(32) Date : 29/01/2002
(33) Name of convention country :UK
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NA
(64) Filed on :NA

(71) Name of the Applicant : JOHNSON & JOHNSON CONSUMER COMPANIES, INC., OF 199, GRANDVIEW ROAD, SKILLMAN, NEW JERSEY 08558 U.S.A.

(72) Name of the Inventors :
1. MCCULLOCH LAURA,
2. WIEGAND BENJAMIN CARL,
3. DEAN KATHRYN,
4. TIERNEY NEENA,
5. KOLLIAS NIKIFOROS

(57) Abstract : A method of measuring the stress or relaxation level of a mammal and a method of measuring the activity of the sympathetic nervous system of a mammal by measuring quantitative levels of deoxyhemoglobin and oxyhemoglobin are disclosed. Preferably, the levels of deoxyhemoglobin and haemoglobin are measured by a non-invasive technique, such as spectroscopy. A method of changing the activity of the sympathetic nervous system of a mammal is also disclosed wherein the method includes a step of administering an effective amount of sensory regimen to the mammal. The method is useful for humans who are operating vehicles or machinery, who are suffering from cardiovascular disease or related complications, who are pregnant, or who are preparing for sleep. In addition, a method of improving the complexion of the skin of a mammal is disclosed.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 27/KOL/2003 A

(22) Date of filing of : 22/01/2003
application

(54) Title of the Invention : "METHOD OF AFFECTING SLEEP AND SLEEP-RELATED BEHAVIOURS"

(51) International classification : A61K 31/495
(30) Priority Data :
(31) Document No. 0203045.0
(32) Date : 08/02/2002
(33) Name of convention country :UK
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NIL
(64) Filed on :NA

(71) Name of the Applicant : JOHNSON & JOHNSON CONSUMER COMPANIES, INC. OF 199, GRANDVIEW ROAD, SKILLMAN, NEW JERSEY 08558 U.S.A.

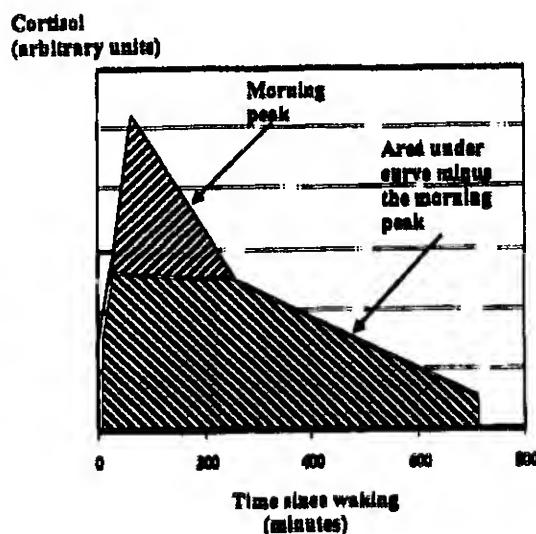
(72) Name of the Inventors :
1. MCULLOCH LAURA,
2. WIEGAND BENJAMIN CARL.

(57) Abstract : A method of affecting sleep and sleep-related behaviours of a mammal having a diurnal rhythm, by reducing the basal activity of the hypothalamus-pituitary-adrenal axis by administering an effective amount of a sensory regimen is disclosed. Such reduction may be accomplished by reducing at least one of the following:

- a. the average total daily amount of adrenocortical hormone; or
- b. the average total daily amount adrenocortical hormone minus the integrative measure of morning peak adrenocortical hormone.

Preferably, such reduction also includes reducing at least one of the following:

- c. the level of adrenocortical hormone 4 hours to 8 hours after waking;
- d. the level of adrenocortical hormone in the period of time preceding bedtime; or
- e. the level of adrenocortical hormone below the onset of sleep threshold.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 28/KOL/2003 A

(22) Date of filing of : 22/01/2003
application

(54) Title of the Invention : "PROCESS FOR MARKING SERVICES IN A LIST IN A TELEVISION SYSTEM AND TERMINAL ASSOCIATED WITH THE PROCESS"

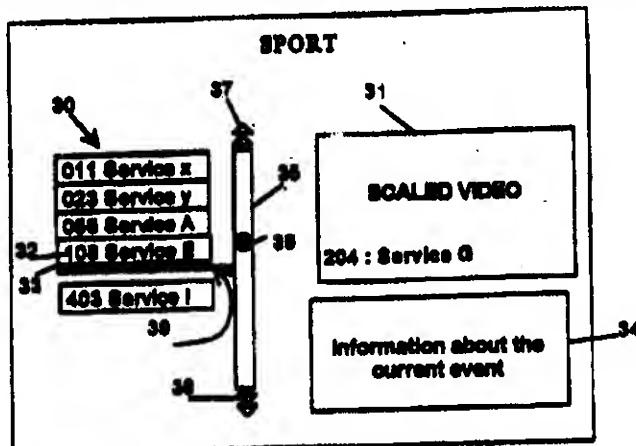
(51) International classification : H04N 5/445	(71) Name of the Applicant : THOMSON LICENSING S.A., 92648, BOULOGNE CEDEX, FRANCE.
(30) Priority Data :	
(31) Document No. 0201564	
(32) Date : 04/02/2002	
(33) Name of convention country :FRANCE	
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : The invention relates to a process for selecting services in a television system using graphical indications displayed on a screen.

The invention comprises in particular the steps of:

- (a) determining a first list (30) of services, the first list being a subset of a second list;
- (b) displaying at least a part of the first list, ordered according to a predetermined criterion;
- (c) selecting a service present in the second list, but not in the first list,
- (d) displaying a visual indicator (39) marking the relative location, according to the predetermined criterion, of the selected service in the first list (30).

The invention also relates to the terminal for the implementation of the process.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 31//KOL/2003 A

(22) Date of filing of : 24/01/2003
application

(54) Title of the Invention : "SINTERED ALLOY ARTICLE, ITS PRODUCTION METHOD AND A MOTORIZED FUEL PUMP COMPRISING A BEARING COMPRISED OF SINTERED ALLOY ARTICLE"

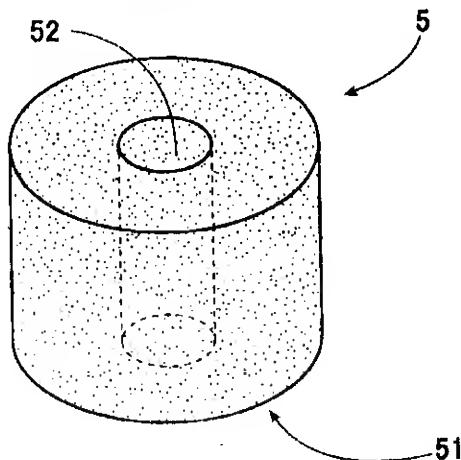
(51) International classification : C22C 9/04
 (30) Priority Data :
 (31) Document No. 2002-020719
 (32) Date : 29/01/2002
 (33) Name of convention country :JAPAN
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No. NA
 (62) Filed on :NA
 (63) Divisional to Application No. :NIL
 (64) Filed on :NA

(71) Name of the Applicant : MITSUBISHI MATERIALS CORPORATION, OF 5-1, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN. AND DENSO CORPORATION, OF 1, SHOWA-CHO 1-CHOME, KARIYA-SHI, AICHI-KEN, JAPAN.

(72) Name of the Inventors :
 1. SHIMIZU TERUO,
 2. MARUYAMA TSUNEO,
 3. TAKEI HIRGAKI,
 4. MURAKAMI YOICHI

(57) Abstract : A sintered alloy article having superior corrosion resistance while also ensuring product dimensional accuracy is provided. A sintered alloy body is formed by molding and sintering (S2) a raw material powder containing copper, and tin plating (S4) treatment on this sintered alloy body is performed, followed by sizing (S5). When the tin plating layer is compressed during sizing, the tin plating layer is formed in a nearly uniform thickness, pores opened in the outer surface of the sintered alloy body are blocked by the above tin plating, as a result of said tin plating being compressed by the above sizing. Moreover, by combining a copper-based sintered alloy and tin plating, a sintered body is obtained provided with both corrosion resistance to sulphur and its compounds as well as corrosion resistance to formic acid, acetic acid and other organic acids.

FIG. 2



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 34/KOL/2003 A

(22) Date of filing of : 27/01/2003
application

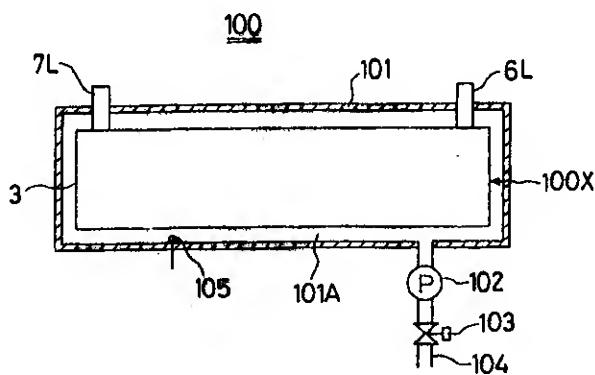
(54) Title of the Invention : "PLATE TYPE HEAT EXCHANGER AND ABSORPTION-REGRIGERATOR USING THE SAME"

(51) International classification : F25B 15/00
(39) Priority Data :
(31) Document No. 2002-092434
(32) Date : 28/03/2002
(33) Name of convention country : JAPAN
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NIL
(64) Filed on : NA

(71) Name of the Applicant : SANYO ELECTRIC CO. LTD., OF 5-5, KEIHANHONDORI 2-CHOME, MORIGUCHI-SHI, OSAKA-FU, JAPAN AND SANYO ELECTRIC AIR CONDITIONING CO. LTD., OF 1, OTSUKI-CHO, ASHIKAGA-SHI, TOCHIGI-KEN, JAPAN.

(72) Name of the Inventors :
1. FURUKAWA MASAHIRO,
2. YAMAZAKI SHIGUMA,
3. IRAMINA KAZUYASU,
4. KAMADA YASUSHI.

(57) Abstract : It is an object of the present invention to provide a plate type heat exchanger influenced hardly by the open air. Four holes are opened in the top plate of a robust decompression container 101 made of iron or the like, introduction tubes 6L, 6R and delivery tubes 7L, 7R of a heat exchanger 3 of a plate type heat exchanger 100X are inserted therein, and affixed respectively to the top plate of the decompression container 101 in a hermetic state, and the plate type heat exchanger 100X is connected in the decompression container 101 in a suspended state without contact with the inner face of the decompression container 101. An exhaust pipe 104 where a pump 102 and an on-off valve 103 are interposed is connected to the bottom plate of the decompression container 101, allowing to discharge air or the like from an inner space 101A of the decompression container 101. Moreover, a liquid leakage detection sensor 105 is disposed at the bottom plate inner face side lowest area of the decompression container 101.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 35//KOL/2003 A

(22) Date of filing of : 28/01/2003
application

(54) Title of the Invention : "APPRATUS FOR SEWING STITCH-GROUP SEAM PATTERNS

(51) International classification : D05B 75/00,
75/04

(30) Priority Data :

(31) Document No. 10206477.6

(32) Date : 16/02/2002

(33) Name of convention country
:GERMANY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

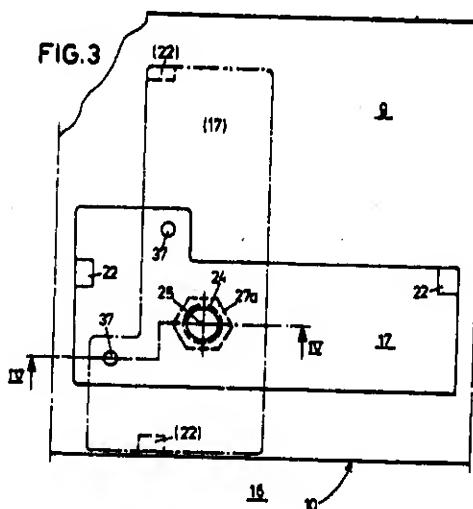
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : DURKOPP
ADLER AKTIENGESELLSCHAFT, OF
POTSDAMER STRASSE 190, D-33719
BIELEFELD GERMAY.

(72) Name of the Inventors :
FRANSHING HEINZ

(57) Abstract : An apparatus for sewing stitch-group seam patterns of a longitudinal direction that runs lengthwise or crosswise of an edge of a work piece comprises a table (10) with a slab (9) with an operator's side (16) allocated thereto. Disposed on the slab (9) is a bearing plate (17) with a sewing machine resting thereon by its base plate. The slab (9) is pivotable by a right angle between a first and a second working position and about a pivot bearing (24) with an axis (25) that is perpendicular to the slab (9). In this way, the position of the sewing machine relative to the operator's side (16) is modifiable by a right angle.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 36//KOL/2003 A

(22) Date of filing of : 28/01/2003
application

(54) Title of the Invention : "PRESSURE VESSEL"

(51) International classification : B01D 61/02,
F16J 13/02

(30) Priority Data :

(31) Document No. 60/354, 819

(32) Date : 06/02/2002

(33) Name of convention country :U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : ESSEF
CORPORATION, D. B. A. PENTAIR
WATER TREATMENT A CORPORATION
OF THE STATE OF OHIO, 220 PARK
DRIVE, BUILDING 2, CHARDON, CHIO
44024, U.S.A.

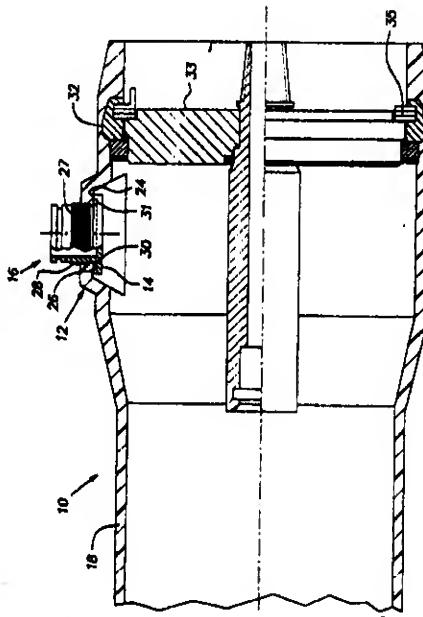
(72) Name of the Inventors :

1. ELLIS GEORGE S.,

2. KOTHERA KENNETH R.,

3. GARGIULO CHRISTIAN.

(57) Abstract : A pressure vessel having a relief area onto which a flange of a side port can be attached. The relief area includes a planar mating surface raised from the cylindrical sidewall of the vessel. A method for forming the pressure vessel includes providing a cylindrical mandrel provided with a side port spacer. Fiberglas is wrapped onto the mandrel and space. The fibreglass is impregnated with resin and the resin is cured. A metallic insert ring is embedded in a full bore open end of the pressure vessel. The ring has a cross-section having a height to width ratio of less than 0.7.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 37//KOL/2003 A

(22) Date of filing of : 28/01/2003
application

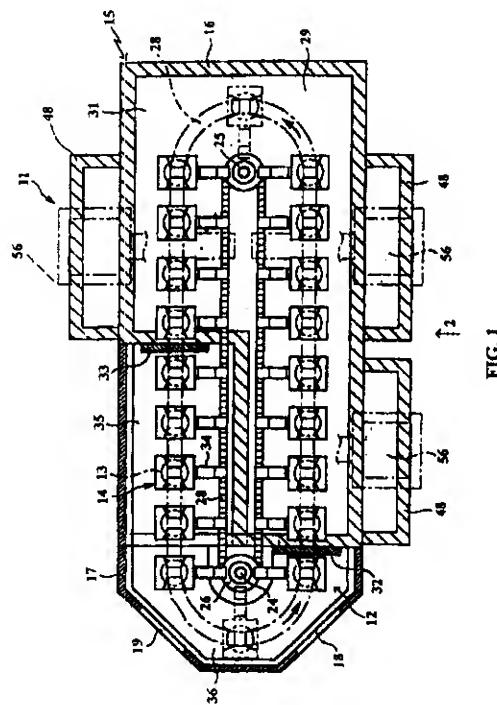
(54) Title of the Invention : "DRYING APPARATUS"

(51) International classification : F26B 15/18
 (30) Priority Data :
 (31) Document No. 2002-058156 & 10/248435
 (32) Date : 05/03/2002 & 20/01/2003
 (33) Name of convention country : JAPAN & U.S.A.
 (66) Filed U/s 5(2) : NIL
 (61) Patent of addition to application No. NA
 (62) Filed on : NA
 (63) Divisional to Application No. : NIL
 (64) Filed on : NA

(71) Name of the Applicant : KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN.

(72) Name of the Inventors : TAKAGI KAZUYOSHI

(57) Abstract : A conveyor apparatus, supporting racks and heating arrangement for heating and cooling work pieces such as magnet assemblies for rotating electric machines. Because of the closed oval path through which the work pieces are transported on the racks by means of a conveyor mechanism that does not have to support the weight of the work pieces, very high efficiencies can be obtained.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 40/KOL/2003 A

(22) Date of filing of : 29/01/2003
application

(54) Title of the Invention : "CATALYST COMPOSITION AND PROCESS FOR SELECTING HYDROGENATION OF DIOLEFINS"

(51) International classification : B01J 23/00, C10G 45/34	(71) Name of the Applicant : PHILLIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, U.S.A.
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. 08/595326	1. TIN-TACK PETER CHEUNG, 2. MARVIN MERRILL JOHNSON.
(32) Date : 01/02/1996	
(33) Name of convention country : U.S.A.	
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :1930/CAL/96	
(64) Filed on :05/11/96	

(57) Abstract : A supported hydrogenation catalyst composition consists essentially of a palladium component, at least one alkali metal iodide (preferably KI) and an inorganic support material (preferably Al₂O₃). This catalyst composition is employed in the selective hydrogenation of C₃-C₁₂ diolefins with hydrogen gas to the corresponding monoolefins.

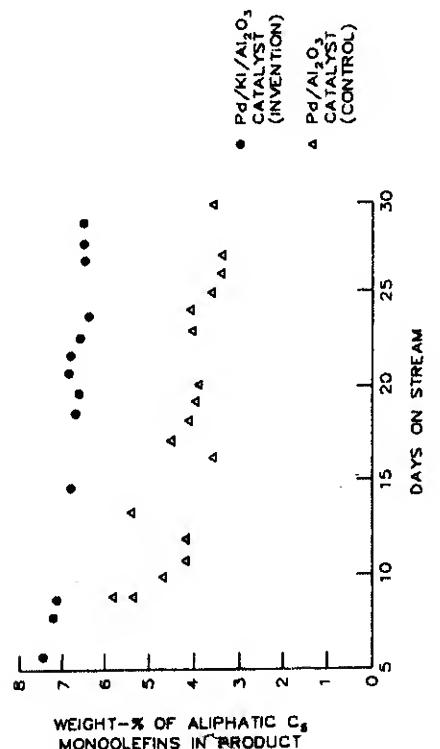


FIG. 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 41//KOL/2003 A

(22) Date of filing of : 29/01/2003
application

(54) Title of the Invention : "ASPIRATING FACE SEAL WITH AXIALLY BIASING ONE PIECE ANNULAR SPRING"

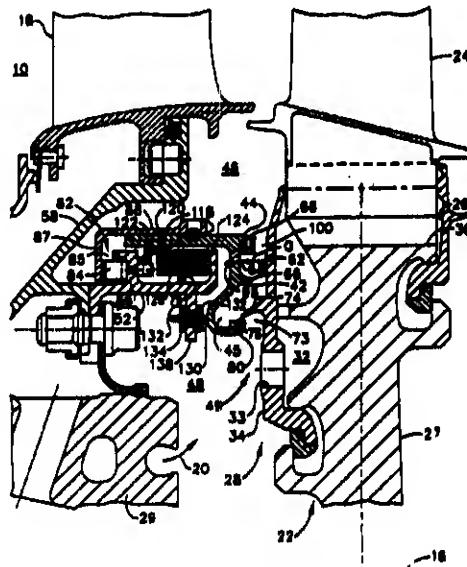
(51) International classification : F01D 11/02,
F16J 15/40
(30) Priority Data :
(31) Document No. 10/106, 759
(32) Date : 26/03/2002
(33) Name of convention country : U.S.A.
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NA
(64) Filed on :NA

(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY NEW YORK 12345, U.S.A.

(72) Name of the Inventors :
1. BRAUER, JOHN C.
2. ALBERS, ROBERT J.

(57) Abstract : A gas turbine engine aspirating face seal (40) includes rotatable and non-rotatable engine members (28, 58) and a leakage path (45) therebetween. Annular generally planar rotatable and non-rotatable gas bearing face surfaces (62, 68) are operably associated with the rotatable and non-rotatable engine members (28, 58) respectively and are circumscribed about and generally perpendicular to a centreline axis (16). A substantially fully annular pull off biasing means (82) is operably disposed for urging the non-rotatable gas bearing face surface (68) axially away from the rotatable gas bearing face surface (62) and circumscribed about the centreline axis (16). The pull off biasing means (82) may be at least one wave spring (84) or one Belleville washer (93). The non-rotatable gas bearing face surface (68) may be on a face seal ring (60) mounted on a translatable cylindrical piston (88) which is axially movable and supported by the non-rotatable engine member (58).

1/6



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 42//KOL/2003 A

(22) Date of filing of : 30/01/2003
application

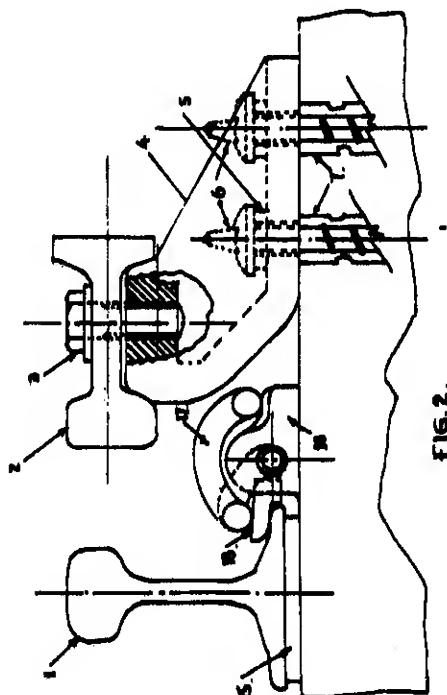
(54) Title of the Invention : "A NEW CHECK RAIL WITH NEW CHECK RAIL BRACKET ARRANGEMENT USED AT LEVEL CROSSING AND CURVED SECTION OF RAIL TRACK"

(51) International classification : E01B 35/00
(30) Priority Data :
(31) Document No.
(32) Date :
(33) Name of convention country :
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NA
(64) Filed on :NA

(71) Name of the Applicant : RAWATSONS ENGINEERS (P) LTD., 5K, STEPHEN COURT, 18A, PARK STREET, KOLKATA-700071.
(72) Name of the Inventors : DAMARU DHAR RAWAT

(57) Abstract : A new check rail with new check rail bracket arrangement used at level crossing and curved section of rail track comprises:

a new check rail (2) and a new check rail bracket (4); wherein the new check rail is horizontally fixed on the new check rail bracket so that the rail head of the new check rail is parallel to the flange of the running rail (1) and the width of new check rail foot (14) is same as that of the rail head of the new check rail; the profile of the side edges (11, 12) of the top surface of the checkrail bracket is such that it matches with the fishing planes (9) of the new check rail.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 45//KOL/2003 A

(22) Date of filing of : 30/01/2003
application

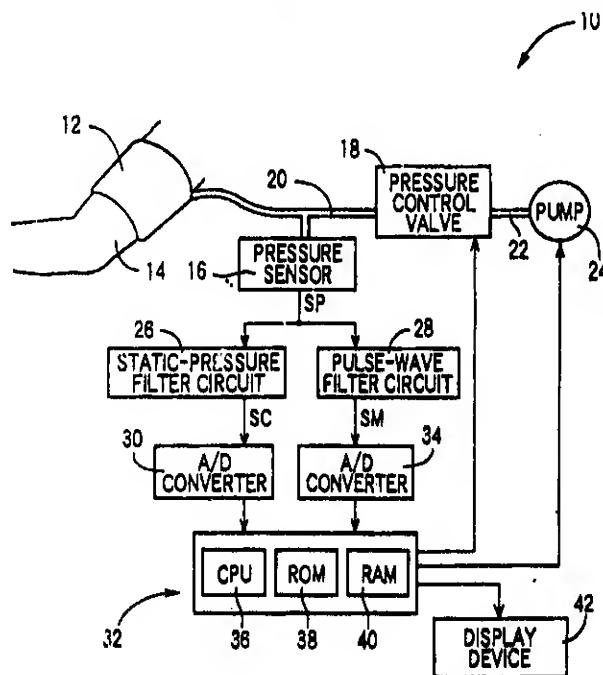
(54) Title of the Invention : "BLOOD-PRESSURE MEASURING APPARATUS HAVING AUGMENTATION INDEX DETERMINING FUNCTION"

(51) International classification : A61B 5/02,
5/022
(30) Priority Data :
(31) Document No. 2002-115185
(32) Date : 17/04/2002
(33) Name of convention country : JAPAN
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NA
(64) Filed on :NA

(71) Name of the Applicant : COLIN
CORPORATION, OF 2007-1, HAYASHI,
KOMAKI-SHI, AICHI-KEN, JAPAN.

(72) Name of the Inventors :
1. OGURA TOSHIHIKO,
2. NARIMATSU KIYOKUKI.

(57) Abstract : A blood-pressure measuring apparatus (10) comprising a cuff (12) which is adapted to be worn on a portion (14) of a living subject to press the portion; an augmentation-index determining means (66) for determining an augmentation index of the subject based on a cuff pulse wave obtained from the cuff and a cuff-pulse-wave obtaining means (53) for obtaining, during a pressing period in which the cuff presses the portion of the subject for measuring a blood pressure of the subject, the cuff pulse wave from the cuff so that the augmentation-index determining means determines the augmentation index based on the obtained cuff pulse wave.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 46//KOL/2003 A

(22) Date of filing of : 30/01/2003
application

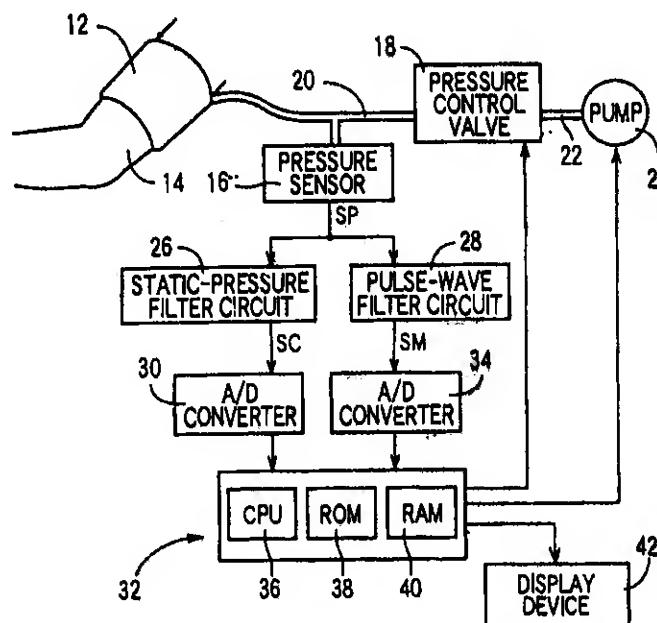
(54) Title of the Invention : "AUGMENTATION-INDEX MEASURING APPARATUS"

(51) International classification : A61B 5/02,
 (30) Priority Data :
 (31) Document No. 2002-115183
 (32) Date : 17/04/2002
 (33) Name of convention country : JAPAN
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No. NA
 (62) Filed on :NA
 (63) Divisional to Application No. :NA
 (64) Filed on :NA

(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN.

(72) Name of the Inventors :
 1. NARIMATSU KIYOKUKI,
 2. OGURA TOSHIHIKO,
 3. TAMPO AKIRA

(57) Abstract : An augmentation-index measuring apparatus (10) comprising a cuff (12) which is adapted to be worn on a portion (14) of a living subject to press the portion; an augmentation index determining means (66) for determining an augmentation index of the subject based on a cuff pulse wave obtained from the cuff and a preliminary pressing means (50a) for preliminarily pressing, before the cuff pulse wave is obtained, for the determination of the augmentation index, from the cuff having a pulse-wave detection pressure, the portion of the subject using the cuff having a pressure higher than the pulse-wave detection pressure.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

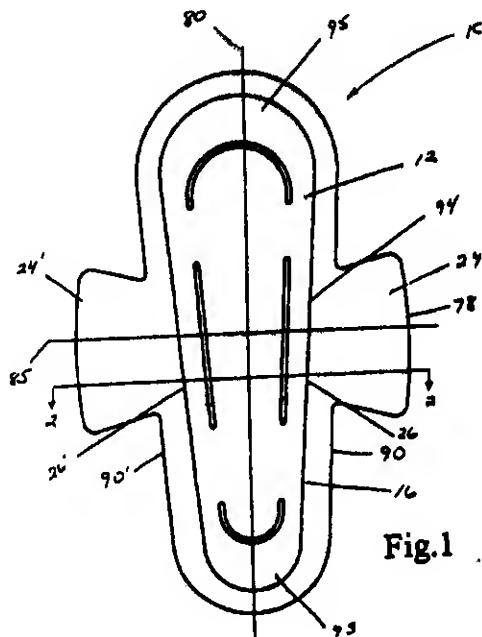
(21) Application No. 47//KOL/2003 A

(22) Date of filing of : 30/01/2003
application

(54) Title of the Invention : "SANITARY ABSORBENT ARTICLE"

(51) International classification : A61F 13/476	(71) Name of the Applicant : MCNEIL-PPC, INC., OF GRANDVIEW ROAD, SKILLMAN, NEW JERSEY 08558, U.S.A.
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. 10/075487	ROSENFEL LEONARD G.,
(32) Date : 13/02/2002	
(33) Name of convention country : U.S.A.	
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NA	
(64) Filed on :NA	

(57) Abstract : A sanitary napkin adapted to be worn in a thong undergarment. The sanitary napkin includes a central absorbent pad having a liquid pervious cover layer, a liquid impervious barrier layer and an absorbent core between the cover layer and barrier layer. The sanitary napkin has a first distal end region, an opposite second distal end region and a central region intermediate the first distal end region and the second distal end region and a flap extending laterally outward from each longitudinal side edge of the sanitary napkin in the central region. The absorbent core has a maximum width in the first distal end region that does not exceed 40 mm and a ratio of a length of the first distal end region to the maximum width of the absorbent core in the first distal end region is less than 2.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 49//KOL/2003 A

(22) Date of filing of : 30/01/2003
application

(54) Title of the Invention : "METHOD AND SYSTEM FOR CONTROLLING LIQUID FUEL AND VAPOR FLOW DURING REFUELING OF A MOTOR VEHICLE FUEL TANK"

(51) International classification : F02M 37/04

(71) Name of the Applicant : EATON CORPORATION, AT EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, U.S.A.

(30) Priority Data :

(31) Document No. 10/060, 121

(32) Date : 31/01/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(72) Name of the Inventors :
ROBERT PHILIP BENJY

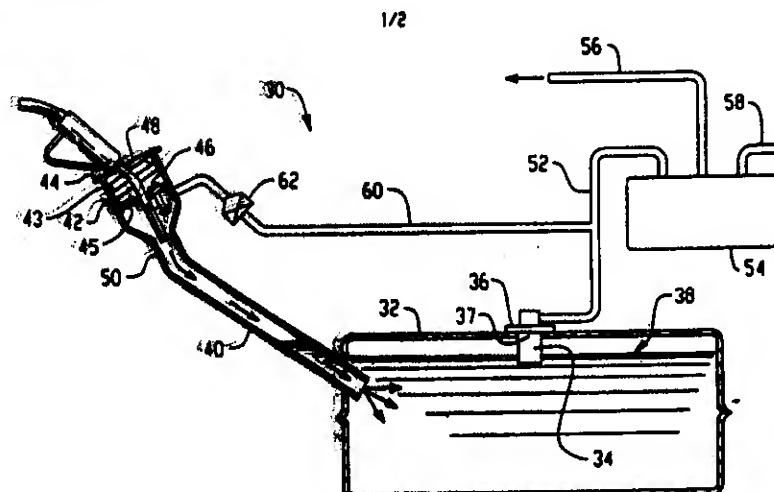
(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NA

(64) Filed on : NA

(57) Abstract : A vapour vent system for a fuel tank having a vapour vent valve in the top of the tank with its outlet connected to a storage canister. In one embodiment the vent valve outlet is connected to the canister through a hose which is also connected to the filler tube for vapour recirculation. In another embodiment a conduit is connected at one end through the tank wall and the opposite end to the filler tube for vapour recirculation. A nozzle seal is provided in filler tube above the recirculation connection. The filler tube is sized, below the one-way valve connection, to effect a dynamic seal with refuelling nozzle discharge to entrain vapor from the recirculation connection valve and any air leaking past the nozzle seal in the upper end of the filler tube and to create a negative pressure when vapour recirculation is cut off to ensure activation of the automotive nozzle shutoff.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 50//KOL/2003 A

(22) Date of filing of : 30/01/2003
application

(54) Title of the Invention : "ADHESIVE PATTERN FOR A THONG SANITARY NAPKIN"

(51) International classification : A61F 13/15

(30) Priority Data :

(31) Document No. 10/062814

(32) Date : 31/01/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : MCNEIL-PPC,
INC., OF GRANDVIEW ROAD,
SKILLMAN NEW JERSEY 08558, U.S.A.

(72) Name of the Inventors :

1. KILLEEN KRISTY M.,
2. MAVINKURVE PRAMOD S.,
3. CETTINA MELINDA G.,
4. ANTONIO CARLOS RIBEIRO
CARVALHO,
5. MARCIA HELENA TEIXEIRA FAJOLLI,
6. FLAVIA GUIMARAES GUARAGNA.

(57) Abstract : A sanitary napkin adapted to be worn in a thong undergarment the sanitary napkin having a central absorbent pad including a liquid pervious cover layer, a liquid impervious barrier layer and an absorbent core between the cover layer and barrier layer and a pair of flaps extending laterally outward from each longitudinal side edge. The central absorbent pad has a central absorbent pad adhesive that is in vertical alignment with at least a portion of the absorbent core and is adapted to contact a body faceable side of the thong undergarment in use. Each flap has flap adhesive adapted to contact an underside of the thong undergarment in use, the flap adhesive being spaced apart from the central absorbent pad adhesive and is not vertically aligned with any portion of the absorbent core.

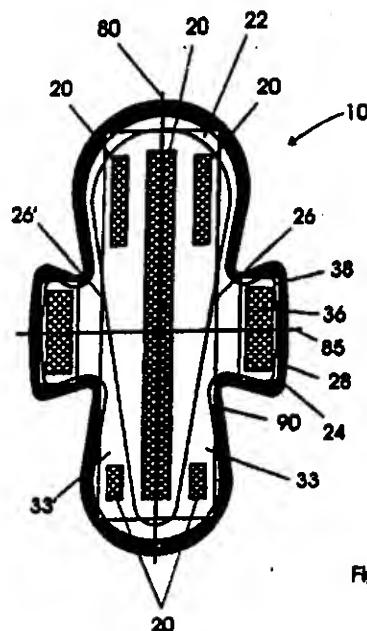


Fig.:

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 51/KOL/2003 A

(22) Date of filling of : 30/01/2003
application

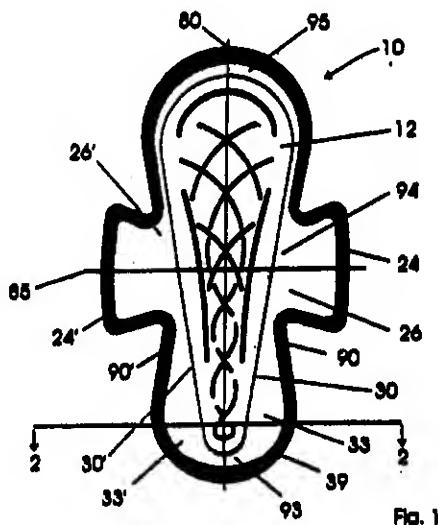
(54) Title of the Invention : "THONG SANITARY NAPKIN WITH SELF FOLDING FLAPS"

(51) International classification : A61F 13/15
 (30) Priority Data :
 (31) Document No. 10/062699
 (32) Date : 31/01/2002
 (33) Name of convention country : U.S.A.
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No. NA
 (62) Filed on :NA
 (63) Divisional to Application No. :NA
 (64) Filed on :NA

(71) Name of the Applicant : MCNEIL-PPC,
INC., OF GRANDVIEW ROAD,
SKILLMAN NEW JERSEY 08558, U.S.A.

(72) Name of the Inventors :
 1. KILLEEN KRISTY M.,
 2. MAVINKURVE PRAMOD S.,
 3. CETTINA MELINDA G.,
 4. ANTONIO CARLOS RIBEIRO
CARVALHO,
 5. MARCIA HELENA TEIXEIRA FAJOLLI,
 6. FLAVIA GUIMARAES GUARAGNA.

(57) Abstract : A sanitary napkin adapted to be worn in a thong undergarment, the sanitary napkin having a central absorbent pad including a liquid pervious cover layer, a liquid impervious barrier layer and an absorbent core between the cover layer and barrier layer and a pair of flaps extending laterally outward from each longitudinal side edge including a first flap being substantially adjacent the lateral centreline, the first flap being adapted to fold over a crotch portion of the thong undergarment in use along a first preferential bending axis and to contact the garment faceable surface of the thong undergarment, and a second flap being intermediate the first flap and the first distal end, the second flap being adapted to fold over the posterior portion of the thong undergarment in use along a second preferential bending axis and to contact the garment faceable surface of the thong undergarment. The first flap is separated from the second flap by a flange portion, the flange portion having a lateral dimension that is insufficient to allow the flange portion to be folded over an edge of the thong undergarment or to contact the garment faceable surface thereof in use. The first preferential bending axis is substantially collinear with the second preferential bending axis within the flange portion.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 53//KOL/2003 A

(22) Date of filing of : 31/01/2003
application

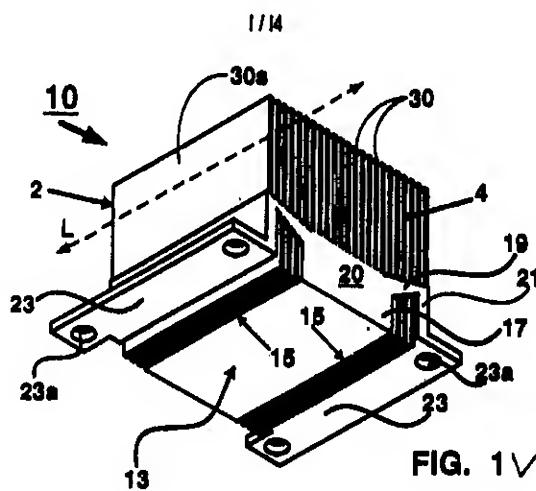
(54) Title of the Invention : "HIGH PERFORMANCE COOLING DEVICE WITH SIDE MOUNT FAN"

(51) International classification : H05K 7/20
 (30) Priority Data :
 (31) Document No. 10/133, 696
 (32) Date : 23.04.2002
 (33) Name of convention country : U.S.A.
 (66) Filed U/s 5(2) :NIL
 (61) Patent of addition to application No: NA
 (62) Filed on :NA
 (63) Divisional to Application No. :NA
 (64) Filed on :NA

(71) Name of the Applicant : HEWLETT-PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.

(72) Name of the Inventors : HEGDE SHANKAR

(57) Abstract : A side flow cooling device 10 is disclosed. The side flow cooling device 10 includes a heat mass 20 with arms 19 extending there from and a mounting surface 13 for connecting the heat mass 20 with a component 50 to be cooled. The heat mass 20 and the arms 19 include a plurality of fins 30 extending outward there from and aligned with a vertical axis V of the heat mass 20. The fins 30 have cooling surfaces 30s and a slot S between adjacent fins 30 that are aligned with a longitudinal axis L of the heat mass 20. A fan 70 or the like can be connected with a side face (2, 4) of the cooling device 10 to generate an air flow F that is substantially along the longitudinal axis L. The air flow F wets over the cooling surfaces 30s of the fins 30, on exposed portions of the heat mass 20, land on exposed portions (19a, 19b) of the arms 19 to dissipate heat from the heat mass 20. The heat mass 20 is not covered by the fan 70 and therefore the fins 30 can populate a substantial portion of a surface area of the heat mass 20 thereby increasing the surface area available for cooling.



ALTERATION OF DATE UNDER SECTION 16

.193779 (1576/MAS/1998) ANTE DATED TO 22-04-1993.

193791 (505/MAS/1999) ANTE DATED TO 14-02-1995.

193792 (27/MAS/2000) ANTE DATED TO 16-10-1996.

अधिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इष्टुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से बार महीने के भीतर या उक्त बार महीने की समाप्ति के पूर्व, प्रलेप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्रलेप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl.:85 C

193761

Int.Cl⁷:F 27 B 9/38

" PROCESS AND DEVICE FOR FEEDING BULK MATERIAL IN A ROTARY HEARTH FURNACE"

Applicant: MANNESMANN AKTIENGESELLSCHAFT,
A GERMAN COMPANY,
OF MANNESMANNUFER 2,
D - 40213, DUSSELDORF,
GERMANY

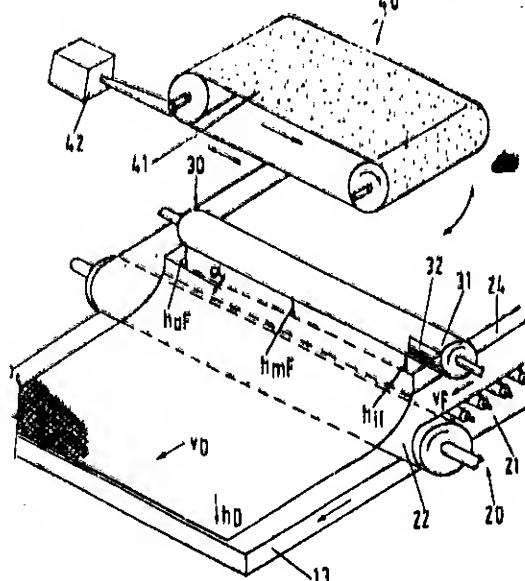
Inventors: 1. ULRICH POHL 4. GERT HERRE
2. HERMAN CEPIN
3. HARTMUT SCHMIEDEN

Application No:1491/MAS/1996 filed on 23rd August 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

13. Claims

A process for feeding bulk material onto a belt of a rotary hearth furnace which has hoods that cover the hearth belt so as to form a ring, comprising the steps of: depositing the bulk material on a transport device at a layer thickness proportionately dependent on a distance to a center of the rotary hearth so that a cross-sectional area of the bulk material layer conically tapers to the center of the hearth; setting the transport device to a speed at least three times greater than that of the hearth belt; smoothing the surface of the bulk material on the transport device; and distributing the bulk material on the hearth belt at a constant layer height over the entire width of the hearth belt.



Comp.Specn. 11 Pages; Drgs 02 Sheets.

Ind.CI.;206 E

193762

Int.CI⁷;H 04 M 7/00**"AN APPARATUS FOR DECODING A VARIABLE LENGTH CODE"**

Applicant: DAEWOO ELECTRONICS CORPORATION,
686, AHYEON - DONG, MAPO - GU,
SEOUL,
KOREA, A KOREAN COMPANY

Inventors: I. SEUNG - IIYUN NAM

Application No:976/MAS/1996 filed on 05th June 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

06 Claims

1. An apparatus for decoding a variable length code, said apparatus comprising:

a packing part for receiving decoding bit string for decoding in which many variable length codewords are contained based on a Huffman code tree structure to pack the received coding bit string for decoding in the longest codeword length, and for shifting out a decoded codeword to pack a successive coding bit string except the decoded codeword in the coding bit string for decoding in the longest codeword length;

a boundary line sampling part for receiving the packed coding bit string for decoding of the longest codeword length from said packing part for sampling a boundary line of a codeword to calculate node position values for the received coding bit string for decoding of the longest codeword length in parallel and to output the calculated node position values, and for outputting the most significant bits of the calculated node position values;

at least one register for storing total terminal node numbers from a level "0" to a level before a corresponding level for a codeword decoding having the Huffman tree structure;

a code length detecting element for detecting a variable length codeword length for decoding from the decoding bit string from said boundary line sampling part according to the most significant bits of the calculated node position values by said boundary line sampling part, and for generating a first selection signal for selecting a node position value corresponding to the detected variable length codeword length and a second selection signal in order to select and enable a register from the at least one register to store total terminal node numbers from level "0" to a level before a level in which a node corresponding to the detected variable length codeword length is located.

a multiplexer for sequentially outputting the corresponding node position values from said boundary line sampling part selected according to the first selection signal from said code length detecting element;

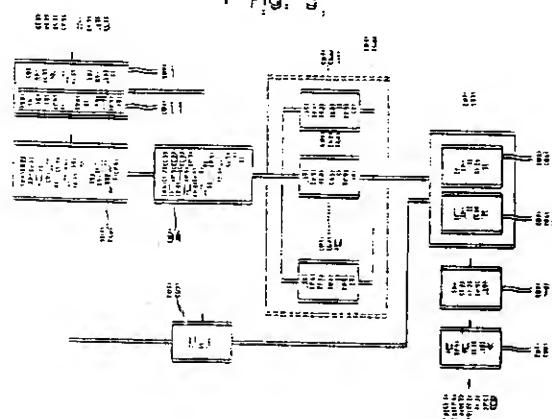
a latch for latching a total terminal node number in the total terminal node numbers from the level "0" to a level before a corresponding level from said register and the corresponding node position values from said multiplexer;

an adder for adding the corresponding node position values to the total terminal node number, to output the added value; and

a memory for storing decoding codewords from a root of the canonical code tree according to a node position of a coded codeword, and for outputting the corresponding decoding codeword the added value as an address from said adder.

Reference to : US 5173695, 5245138, 5394144, 5432512, 5561690

FIG. 5.



Ind.Cl.: 70 C5

193763

Int.Cl⁷: H 01 M 002/16, C 04 B 035/10, H 01 M 6/00**"A COATED PAPER SEPARATOR FOR ELECTROCHEMICAL CELLS"**

Applicant: EVER READY LIMITED
a UK Company, of Ever Ready House,
93 Burleigh Gardens, Southgate, London N14 5AQ,
United Kingdom

Inventors: 1. Rendell, Christopher Fred
2. White, Neal Charles

Application No 936/MAS/1996 filed on 31st May 1996

Convention No. 9511205.8 on, 2nd June 1995 In CIB

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

19 Claims

A coated paper separator for electrochemical cells, having a coating of a composition comprising a crosslinked starch and a gelling agent, characterized in that the crosslinked starch is a highly crosslinked starch such as herein described and the gelling agent is an etherified cellulose derivative.

Reference to : 937/MAS/96;

Comp.Specn. 30 Pages; Drgs Nil Sheets.

Ind.Cl.:33 C

193764

Int.Cl⁷:B 22D 11/16; B 22 D 11/07; B 22 D 11/04

**"A MOULD FOR CONTINUOUS CASTING OF METALS WITH
LUBRICATING MEANS AND A METHOD OF LUBRICATING THE SAME"**

Applicant: UNIMETAL of Societe Francaise des Aciers Longs (s.a.), 24/25 rue de l' Usine 57120, Rombas, France; ASCOMETAL (s.a.) of Immeuble 'La Pacific' - la Defense 7 - 11/13 Cours Valmy 92800, Puteaux, France; CENTRE DE RECHERCHES METALLURGIQUES - CENTRUM VOOR ONSOARCH IN METALLURGIE (CRM), of Rue Ernest Solvay, 11 B - 4000 Liege, Belgique; SOLIAC (s.a.) of Immeuble 'La Pacific' - La Defense 7 – 11/13 Cours Valmy 92800, Puteaux, France; UGINE SAVOIE (s.a.) Avenue Paul Girod, 73400, Ugine, France and SOCIETE ANONYME DES FORGES ET ACIERIES DE DILLING of D - 66748 Dillingen, Allemagne, All French Companies

Inventors: 1. ERIC PERRIN 4. PIERRE COURBE
 2. JACQUES SPIQUEL 5. PAUL NAVIEAU
 3. JEAN - MARC JOLIVET

Application No 753/MAS/1996 filed on 07th May 1996

Convention No. 95 05 794 on, 17th May 1995 in FRANCE

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch,

08 Claims

A mould (1) for continuous casting of metal products (16), such as a vigorously-cooled metal tubular element (2) defining a passage (4) for the cast metal and intended to cause, in contact with its wall (3) in the said passage (4), the solidification of the said metal product (16), means for vertically oscillating the said mould (1) and means for injecting a lubricant in the liquid state through the said metal tubular element (2) towards the said metal product (16) being solidified, wherein said injecting means are placed at a single level of the said metal tubular element (2), the said level lying at a distance greater than 20 cm from the lowest level at which solidification of the said product (16) is to be initiated.

Ind.Cl.:40 A₂

193765

Int.Cl⁷:B 01 J 008/00; B 01 J 08/12

"A VESSEL FOR PERFORMING A CHEMICAL REACTION IN THE
PRESENCE OF A CATALYST"

Applicant: INSTITUT FRANCAIS DU PETROLE,
A FRENCH COMPANY, 4,
AVENUE DE BOIS PREAU,
92502, RUEIL MALMAISON, FRANCE

Inventors: 1. EUZEN JEAN - PAUL
2. PONTIER RENAUD
3. VUILLEMOT DANIEL

Application No 701/MAS/1996 filed on 26th April 1996

Convention No.95/05324 on, 02nd May 1995 In FRANCE
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

16 Claims

A vessel for performing a chemical reaction in the presence of a catalyst, said vessel comprising: at least one reactor wall defining a space; at least one mobile bed of solid catalytic particles positioned within the space defined by said at least one reactor wall, wherein said bed is located within a volume of annular or elliptical cross section delaminated between a first fluid permeable internal wall and a second fluid permeable internal wall, the fluid permeable internal walls being arranged on the same axis of symmetry, wherein flow of said mobile bed is delineated by said two walls and a base, said base comprising at least one gravity extraction means for removal of said particles, said base further comprising, in contact with said particles, a succession of ridges and hollows forming plates, said ridges and hollows being oriented towards said extraction means, said vessel further comprising means in the top portion of said vessel for introducing a fluid and means in the bottom portion of said vessel for removing a fluid, said means for introducing a fluid and means for removing fluid being positioned to permit fluid to be introduced into the vessel, pass through one of the fluid permeable internal walls, traverse the bed in a principal direction which is different than the overall flow direction of said particles, pass through the other fluid permeable wall and exit the vessel.

Int.Cl.: I07 K

193766

Int.Cl.: I02 M - 61/14

"FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES"

Applicant: ROBERT BOSCH GmbH,
POSTFACH 130 02 20,
70442 STUTTGART,
FEDERAL REPUBLIC OF GERMANY,
A GERMAN COMPANY

Inventors: 1. FRIEDRICH BOECKING
2. STEFAN HAUG

Application No: 146/MAS/1996 filed on 30th January 1996

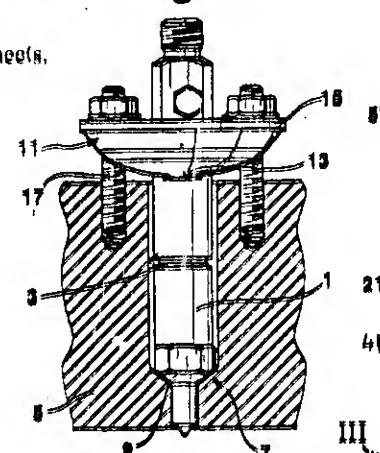
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

08 Claims

A fuel injection valve for internal combustion engines, with a valve body (19) firmly fastened to a valve-holding body (25), in which a valve member (27) is guided in axially displaceable fashion in a hole (29) the upper section of said hole (29) is designed as a guiding section (43) and said guiding section (43) is adjoined by a radially enlarged pressure space (51) into which there opens at least one feed passage (59) which runs through the valve body (19) next to the guiding hole (29, 43), and with a clamping nut (23) which rests by means of an inner annular shoulder (65) of conical design against a conical annular offset (67) arranged on the valve body (19) on a level with the pressure space (51) referring to the bore (29) and braces the valve body against the valve-holding body (25), clamping device (11) which acts axially on the valve-holding body (25) and, by abutment of a bearing surface (9) formed on that end face of the clamping nut (23) which faces away from the valve-holding body (25) braces the fuel injection valve against a counterstop (7) formed in the housing (5) of the internal combustion engine, characterized in that the bearing surface (9) of the clamping nut (23) and the counterstop (7) in the housing (5) of the internal combustion engine is provided with a concavity for transmitting a radial clamping force component, in addition to the axial bracing force to the valve body (19) at the level of the pressure space (51).

Fig. 1

Comp.Specn. 14 Pages; Drgs 01 Sheets,



Ind.Cl.179-I

198767

Int.Cl.7;B 65 D 31/00

"An apparatus for continuous or semi-continuous freezing-drying of a liquid material and a continuous or semi-continuous process for carrying out the same"

Applicant: THE WELLCOMBE FOUNDATION LIMITED
a British company, Glaxo Wellcome House,
Berkeley Avenue, Greenford, Middlesex UB6 0NN,
United Kingdom

Inventors: 1. DOMINIC MICHAEL ANTHONY OUGHTON
2. PHILIP RUSSELL JAMES SMITH
3. DONALD BRUCE A THURTON MACMICHAEL

Application No 419/MAS/1996 filed on 15th March 1996

Convention No. 9505523.2 on, 18th March 1995 In GB

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

34. Claims

An apparatus for continuous or semi-continuous freezing-drying of a liquid material contained in a sterilised vessel (1) in such a manner that said liquid material forms a shell (7) of substantially uniform thickness on the inner walls of said vessel (1) and in which vessels (1) loaded at one end of the process moved automatically through the various stages up to and including being subjected to vacuum drying conditions; characterised in that said apparatus consists of racks or magazines (2) which have individual locations for locating vessels (1) such that they are held apart; a washer for washing and steriliser for sterilising the vessels (1) and racks or magazines (2); rotatable gripping means (6) for removing the vessels and returning the vessels to the racks or magazines, and for holding a vessel (1) and rotating said vessel about its longitudinal axis at a high speed so as to maintain the liquid material against the inner walls of the vessel (1) by centrifugal force; filling means (42,43) for introducing the liquid material into the vessel (1); freezing means (45,46) for freezing the liquid in the form of a shell (7) of substantially uniform thickness against the inner walls of the vessel (1); a vacuum drying chamber (11) containing heating means; and conveying means (25 to 36) to move magazines or racks (2) holding the vessels (1) containing the frozen material into and through the vacuum drying chamber (11), and to move subsequent racks or magazines (2) loaded with vessels (2) into position for filling and freezing.

Reference to : EP-A-0048194; US 3952541;

Comp.Specn. 48 - Pages; Drgs 14 Sheets.

Ind.Cl.:50 E.

193768

Int.Cl⁷:F 04 C 18/356, F 16 K 15/04**"A REFRIGERANT COMPRESSOR"**

Applicant: TECUMSEH PRODUCTS COMPANY,
a Corporation of the State of Michigan, of 100 East Patterson Street,
Tecumseh, Michigan 49286, USA

Inventors: JOHN KOSCO, JR

Application No2515/MAS/1997 filed on 4th November 1997

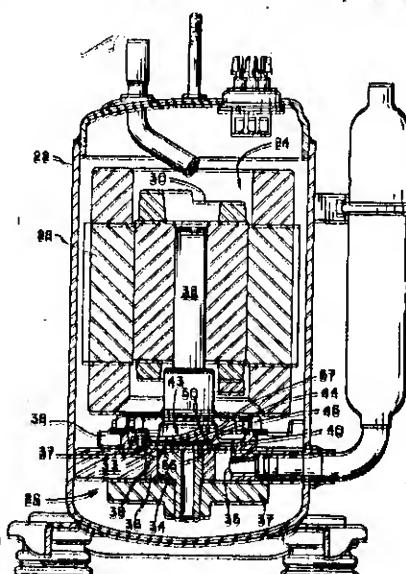
Convention No.08/743,845 on, 5th November 1996 in US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.**10 Claims**

A refrigerant compressor (20), comprising: a compressor mechanism (26) defining a compression chamber for compressing refrigerant fluid; a discharge chamber (57) receiving compressed refrigerant fluid from said compression chamber; and a discharge valve assembly (43) disposed intermediate to said compression chamber and said discharge chamber, said discharge valve assembly characterized by: a discharge port (40); a spherical valve member (44) seated against said discharge port; an elastically deformable arm (46) having an aperture (48) partially receiving said spherical valve member therein, said arm engaging said spherical valve member and biasing said spherical valve member into engagement with said discharge port, said arm adapted to deform and thereby allow said spherical valve member to move out of engagement with said discharge port during a compression phase; and a rigid stop (50) disposed adjacent to said spherical valve member and said arm, and limiting the movement of said spherical valve member during the compression phase, thereby maintaining alignment of said spherical valve member with said discharge port.

Reference to : US 5775894;

Comp.Specn. 15 Pages; Drgs 2 Sheets.



Ind.Cl.:11 D

193769

Int.Cl.⁷ A 01 M 1/08**"A DEVICE FOR ATTRACTING TRAPPING AND KILLING FLYING MOSUITOES"**

Applicant: Dr. T.V. SUBRAMANIAN
Indian national residing at 26/321, Old Court Road,
Trichur City 20, Kerala-680 020, India

Inventors: Dr. T.V. SUBRAMANIAN

Application No674/MAS/1997 filed on 01/04/1997

Complete specification Left16/05/1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.**6 Claims**

A device for attracting, trapping and killing mosquitoes which has a hood (1) one side of which is provided with a net (2) the other end being optionally provided with a perforated sheet (3) an exhaust fan (6) being provided inside the hood with its blade facing the net, the length of the hood to exceed the length of the leaf of the fan but not to exceed twice the length of the fan leaf, the fan being provided with leads for supplying current to the lower portion of the hood at the end near the net being provided with a receptacle (4) to collect dead mosquitoes.

Provisional Spec: 2 Pages; Complete Spec: 8 Pages
Text: 10 Pages; Drgs: 2 Sheets.

Ind.Cl.:68 D

193770

Int.Cl⁷:H 01 H 03/00**"A POWER BREAKER"**

Applicant: ABB SCHWEIZ HOLDING AG,
A SWISS COMPANY
OF BROWN BOVERI STRASSE 6,
5400 BADEN,
SWITZERLAND

Inventors: 1. Dr. LUKAS ZEHNDER 4. Dr. KURT KALTENECKER
2. ROBERT ANDERES 5. Dr. BODO BRUHL
3. CHRISTIAN DAHLER

Application No 542/MAS/1997 filed on 14th March 1997

Convention No. 196 13 568.0 on, 04th April 1996 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

15. Claims

A power breaker having at least one quenching chamber, which is filled with an insulating medium, is of cylindrical design, extends along a central axis (2) and has a power current path, having two stationary consumable contacts (5, 6) which are located on the central axis (2), are at a distance from one another in the axial direction and are located in the power current path, having a moving bridging contact, which electrically conductively connects the consumable contacts (5, 6) in the connected state, having an arc zone (24) which is provided between the stationary consumable contacts (5, 6), and having a rated current path which is located in parallel with the power current path and is provided with moving rated current contacts, wherein the bridging contact is located in the interior of the consumable contacts (5, 6), extended along the central axis (2).

Comp.Specn. 23 Pages; Drgs 03 Sheets.

Ind.Cl.:32 E

193771

Int.Cl⁷:C 08 F 16/06**" A PROCES FOR PRODUCING A SYNTHETIC RESIN POWDER"**

Applicant: KURARAY CO LTD. (A Japanese Company),
1621, SAKAZU, KURASHIKI - SHI,
OKAYAMA - KEN,
JAPAN

Inventors: 1. MASATO NAKAMAE
2. TOSHIAKI SATO

Application No: 1590/MAS/1996 filed on 11th September 1996

Convention No. 246532/1995 on 26th September 1995 in Japan

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

06 Claims

A process for producing a synthetic resin powder, comprising the steps of emulsion-polymerizing an ethylenically unsaturated monomer or a diolefinic monomer in the presence of a polyvinyl alcohol having a mercapto group at its polymer chain end thereby producing an aqueous emulsion of the synthetic resin which comprises a polymer particle of the ethylenically unsaturated monomer or the diolefinic monomer and the polyvinyl alcohol chemically bonded to the surface of the polymer particle through a sulfide linkage derived from the mercapto group and drying the aqueous emulsion of the synthetic resin.

Comp.Specn. 31 Pages; Drgs 0 Sheets.

Ind.Cl.:136 B

193772

Int.Cl⁷:B 30 B 011/08**"A ROTARY TABLETTING PRESS"**

Applicant: BWI plc, OF PRINCES
EXCHANGE, PRINCES SQUARE,
LEEDS, LS1 4BY, UNITED KINGDOM.
A BRITISH COMPANY

Inventors: I. DAVID HENRY WILSON

Application No801/MAS/1996 filed on 13th May 1996

Convention No.9510068.1 on, 18th May 1995 In UK

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

15 Claims

A rotary tabletting press for the production of tablets from tabletting material, comprising a turret driven to rotate about its own axis with respect to a stationary housing (1) and carrying rotatably with it:-

a die plate (7, 106) accommodating a plurality of die cavities (9, 90) set on a common pitch circle diameter coaxial with the axis of the turret, which die cavities each comprise a through bore having an upper opening and a lower opening;

an enclosed chamber (19, 122) disposed about the die plate and wherein the respective upper openings of the die cavities open into said chamber and by which openings tabletting material is admitted to the die cavities; and

a respective pair of upper and lower punches (31, 33, 110, 120) to work in each die cavity, which punches are guided in respective punch housings carried with the turret above and below the respective die cavities and coaxially therewith,

the press further comprising means to control axial movement of the respective opposed punches during a working cycle to form tablets in successive die cavities and means (25, 132) to control the dosing of tabletting material admitted to the die cavities, and wherein said

chamber is interposed between the upper punch housings and the die plate and the upper punches are axially movable through said chamber to enter the respective die cavity; and wherein the turret has axially separable upper and lower housing parts and the chamber is enclosed within the rotatable turret between the upper and lower housing parts and is defined at least in part by an upper surface of the die plate and by an outer peripheral wall element of the turret which is rotatable therewith, and wherein the means to control the dosing comprises a non-rotatable element disposed within the chamber adjacent said upper surface of the die plate and intersecting the path of the die cavities.

Comp.Specn. 30 Pages; Drgs 07 Sheets.

Ind.Cl.:69 O

193773

Int.Cl.:H 02 B 1/00

"ELECTRICAL SWITCHGEAR ENCLOSURE"

Applicant: Schneider Electric SA
 French Company, 40, Avenue Andre Morizet
 F 92100 Boulogne Billancourt, France

Inventors: 1. Philippe BALAUD 4. Patrice MARTINOTTI
 2. Manuel BOURBON
 3. Thierry DALLA COSTA

Application No:752/MAS/1996 filed on 7th May 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
 Patent Office, Chennai Branch.

8. Claims

An electrical switchgear enclosure comprising a back plate (1), at least one support (10) in the form of a rail to receive electrical switchgear apparatuses, and securing means for securing the support in the back plate of the enclosure, an enclosure characterized in that the securing means comprising first fixing means (3, 4, 5) situated on the back plate towards a first end of the support (10) for immobilising the support in all directions; second fixing means (6) situated on the back plate towards a second end of the support opposite the first end for blocking the perpendicular movements of the support with respect to the back plate (1) and third fixing means (7, 8, 9) situated on the back plate between the first and second fixing means for blocking the translation movements of the support with respect to the back plate and allowing rotational movements around an axis (9) perpendicular to said back plate.

Comp.Specn. 9 Pages; Drawgs 3 Sheets.

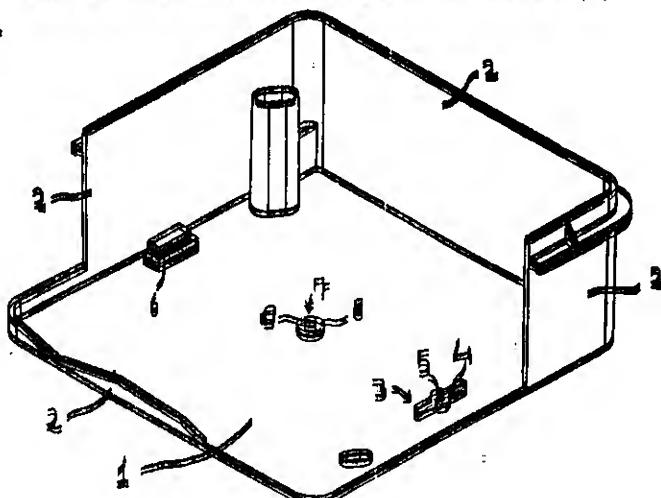


FIG 1

Ind.Cl.:76 E & 110

193774

Int.Cl.:A 44 B 19/34

" A KNIT SLIDE FASTENER"

Applicant: YKK CORPORATION,
A JAPANESE COMPANY,
1, KANDA IZUMI - CHO,
CHIYODA - KU, TOKYO, JAPAN

Inventors: 1. YOSHIO MATSUDA
2. HIDENOBU KATO
3. YOSHITO IKEGUCHI

Application No 695/MAS/1996 filed on 25th April 1996

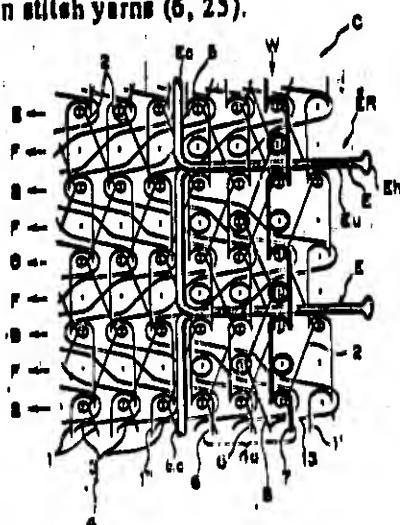
Convention No.7 - 114670 on, 12th May 1995 in JAPAN
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

08 Claims

A knit slide fastener comprising (a) a pair of warp-knit fastener tapes (4, 20) each composed of a plurality of knitting yarns (1', 1", 21', 21") knitted in a warp knit ground structure having a fastener element attaching marginal portion (4a, 24); and (b) a pair of continuous fastener element rows (ER) each knit in said fastener element attaching marginal portion (4a, 24) simultaneously with the knitting of the respective fastener tape (4); (c) said knit slide fastener being characterized by a plurality of first binding chain stitch yarns (6, 7, 25, 26) extending longitudinally of each said fastener element attaching marginal portion (4a, 24) and anchoring each said continuous fastener element row (ER) to each fastener element attaching marginal portion (4a, 24), one of said first binding chain stitch yarns (7, 26), which is situated toward coupling heads (Eh) of fastener elements (E) of the corresponding continuous fastener element row (ER), being larger in size than the remaining binding chain stitch yarns (6, 25).

Reference to : SIKO 38 - 11673; USA 5, 035, 125.

Comp.Specn. 34 Pages; Drgs 11 Sheets.



Ind.CI:33 A

193775

Int.CI⁷:B 22 D 11/06; B 22 D 11/16**"A PROCESS AND A PLANT FOR MANUFACTURING A METAL STRIP"**

Applicant: USINOR SACLOR OF IMMEUBLE "LA PACIFIC",
 11/13, COURS VALMY LA DEFENSE 7, 92800 PUTEAUX,
 FRANCE, A FRENCH COMPANY AND THYSSEN STAHL
 AKTIENGESELLSCHAFT OF KAISER - WILHELM - STRASSE 100,
 D - 47168 DUISBURG, ALLEMAGNE, GERMANY, A GERMAN
 COMPANY

Inventors: 1. LUC VENDEVILLE 4. JEAN - MICHEL DAMASSE
 2. PIERRE DELASSUS
 3. GERARD RAISON

Application No 514/MAS/1996 filed on 29th March 1996

Convention No.95 04 139 on, 07th April 1995 In FRANCE

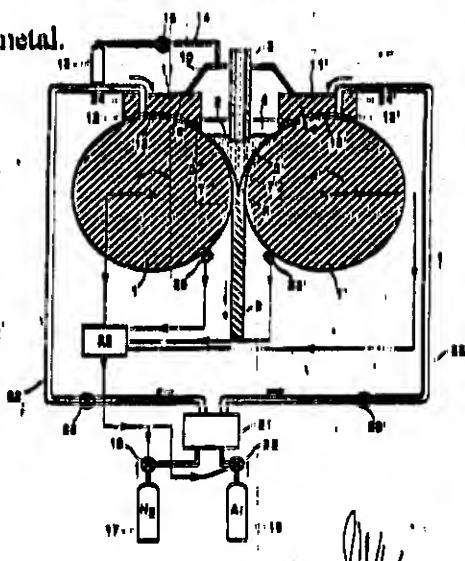
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
 Patent Office, Chennai Branch.

13 Claims

A process for manufacturing a metal strip, particularly of steel, by casting wherein solidification of the said strip is performed by introducing liquid metal between two rolls rotating in opposite directions, with horizontal axes, cooled by an internal circulation of a coolant fluid, defining a casting space between them, and whose outer surfaces have a roughness, and blanketing of the said casting space is carried out by blowing in a given quantity of a gas or of a mixture of gases through a lid covering the said casting space, characterized in that an adjustment of the crown of the said rolls is performed by modulating the quantity blown in and/or the nature of the said gas or the composition of the said mixture of gases, at least in the vicinity of the surface of each roll upstream of its region of contact with the liquid metal.

Reference to : EP 0309247, FR 94 14571.

Comp.Specn. 20 Pages; Drgs 01 Sheets.



Ind.Cl.:190 C

193776

Int.Cl⁷:F 03 B 13/10, F 01D 25/16**"Tubular Turbine Plant"**

Applicant: ALSTOM (SWITZERLAND) LTD,
A Swiss Company
of Brown Boveri Strasse 7, CH-5401 Baden,
Switzerland

Inventors: 1. JOSEF SCHWANDA

Application No444/MAS/1996 filed on 20th March 1996

Convention No.195 25 830 on, 15th July 1995 in Germany

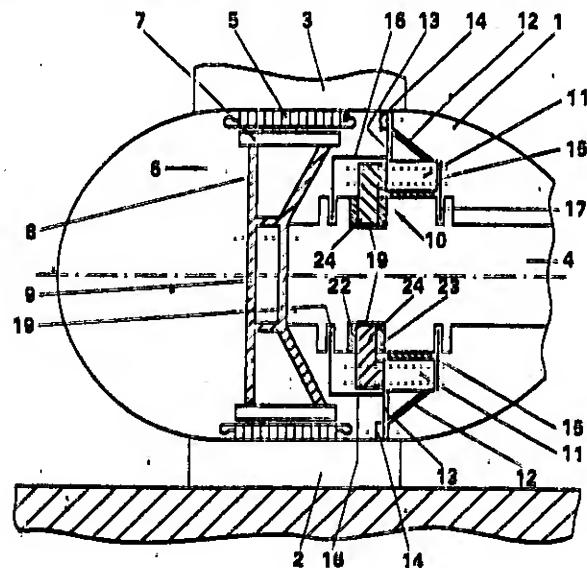
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003);
Patent Office, Chennai Branch.

8 Claims

A tubular turbine plant, comprising a generator (5, 6, 7) enclosed by a housing or capsule (1), and a water turbine, which are either arranged on a common shaft (4) or their shaft ends are connected to one another via a coupling, a combined supporting and guide bearing (10) being provided in the shaft section between generator and turbine, which combined supporting and guide bearing is held by a bearing support (11) surrounding it, to which bearing support first bearing segments (29) are fastened, which interact with a first cylindrical shaft section (28) as a radial bearing-supporting surface, and to which bearing support (11) two groups of second bearing segments (22, 23) are fastened, which interact

Reference to : WO 90/14523; ;

Comp.Specn. 14 Pages; Drgs 4 Sheets.



Ind.Cl.:42A2 XXVI(2)

193777

Int.Cl.:A24O 1/04

" A CIGARETTE COMPRISING A TOBACCO ROD "

Applicant: M/s. PHILIP MORRIS PRODUCTS INC.,
A US COMPANY
OF 3601 COMMERCE ROAD,
RICHMOND, VIRGINIA 23234, USA

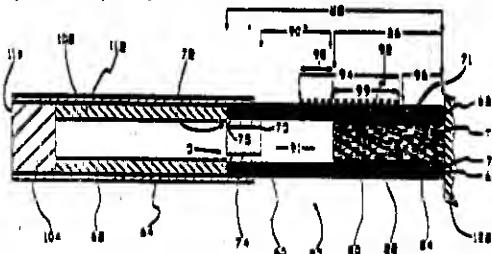
Inventors: 1. JAMES D. BAGGETT, Jr; 2. DAVID A. CLARK
3. MARY ELLEN COUNTS ; 4. PATRICK C. COWLING
5. WILLIE G. HOUCK, Jr. ; 6. MICHAEL A. MOORE ;
7. WESLEY G. SANDERSON ; 8. RICHARD G. UHL
9. MICHAEL L. WATKINS; 10. SUSAN E. WRENN

Application No332/MAS/1996 filed on 4th MAR 1996

Convention No.08/425,166 on, 20th APR 1995 In USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.**17 Claims**

A cigarette (23) comprising a tobacco rod, said tobacco rod (60), comprising a tubular tobacco web (66) and a plug of tobacco (80) disposed within said tubular tobacco web, said tobacco rod having a free end (78) and an opposite end (72), said tubular tobacco web comprising a base web (68) and a layer (70) of tobacco flavour material supported by said base web, said base web adapted to transfer heat from an electrical heating element (37) to said tobacco flavour material, said tobacco rod (60) adapted to operatively receive an electrical heating element (37) alongside said tobacco rod (60) at a location between said free end (78) and said opposite end (72) said plug of tobacco (80) located adjacent said free end, said plug of tobacco being spaced apart from said opposite end so as to define an unfilled space (91) between said plug of tobacco and said opposite end, the location alongside the tobacco rod being such that the location overlaps at least a portion of the unfilled space and overlaps at least a portion of said tobacco plug.

Reference to : US 08/380,718; 07/943,504; 5,093,894; 5,225,498; 5,060,671; 5,095,921;
5,388,594; 08/291,690; 08/224,848; 07/943,747; 08/365,952; 5,249,586 EP-A-0-615.411

Ind.Cl.:158 D A

193778

Int.Cl⁷:B 61 D 3/18; B 61 F 3/12**"A RAILWAY CAR"**

Applicant: Ernest J Larson Jr.
a US citizen, 7408 West Shore Drive, Edina,
Minnesota 55435, USA

Inventors: ROGER D SIMS

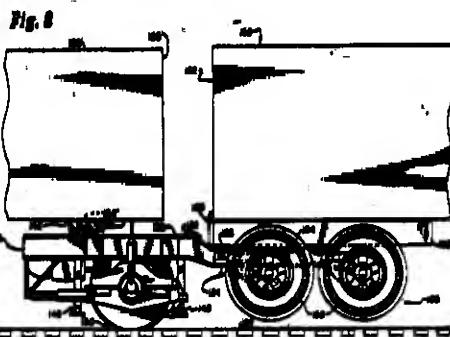
Application No743/MAS/1999 filed on 15th July 1999
Patent of Addition to Application No: 832/MAS/94 Dated:30th August 1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

8 Claims

A railway car comprising a bogie for coupling a first and a second convertible roadway-railway trailer and for supporting the trailers for transportation over a railway, said bogie comprising a frame having a forward end and a rearward end; a railway wheel assembly mounted on the frame for supporting the frame for motion on the railway; a bogie rigid coupling mechanism located on the forward end of the frame constructed and arranged for releasably and rigidly coupling the bogie to a first trailer characterised in that a retractable roadway tire assembly is mounted at one end said first trailer, such that when the bogie is rigidly coupled to a first trailer, the bogie is in a fixed position relative to the first trailer to raise the bogie off the ground when the roadway tire assembly on the first trailer is extended, and the bogie can support the first trailer when the roadway tire assembly is retracted; and a bogie pivot coupling mechanism located on the rearward end of the frame constructed and arranged for releasably and pivotally coupling the bogie to a second trailer, such that when the bogie is pivotally coupled to a second trailer, the bogie can pivot relative to the second trailer for supporting the second trailer.

Reference to : US 5,009,169; US 5,220,870; USA 4,917,020; USA 4,448, 132



Comp.Specn. 27 Pages; Drgs 12 Shaets.

Ind.Cl.:35E

193779

Int.Cl⁷:C 04 B 035/66**"A bonded refractory exothermic composition"**

Applicant: FOSECO INTERNATIONAL LIMITED
a British company of 285 Long Acre, Nechells, Birmingham,
B7 5JR, England

Inventors: MICHAEL JOHN GOUGH

Application No 1576/MAS/1998 filed on 15th July 1998

Convention No.9308363.2 on, 22nd April 1993 in UK
Division to patent Application No. : 177/MAS/1994 Dated : 22/04/1993

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

4 Claims

A bonded refractory exothermic composition for use in a mould for metal casting comprising hollow alumina and silica containing microspheres, a readily oxidisable metal, an oxidising agent for the metal, a fluoride salt and a binder, characterised in that the microspheres have an alumina content of at least 40% by weight and the quantity of alumina present in the composition expressed as a percentage of the total alumina plus silica is less than 70% by weight.

Comp.Specn. 15 Pages; Drgs Nil Sheets.

Ind.Cl.:76 1:

193780

Int.Cl⁷:C 09 J 7/02; A 44 B 19/24; A 44 B 19/42**"A SLIDE FASTENER AND A METHOD OF MANUFACTURING THE SAME"**

Applicant: YKK CORPORATION OF NO. 1,
KANDA IZUMI - CHO, CHIYODA - KU,
TOKYO, JAPAN.
(A COMPANY ORGANIZED UNDER THE LAWS OF JAPAN)

Inventors: 1. MASANORI HIRASAWA 4. TOYOO MORITA
2. OSAMU FUJII 5. KAZUKI KUSE
3. SHIGERU FUNAKAWA

Application No 615/MAS/1996 filed on 11th April 1996

Convention No. 7 - 141028 on, 29th April 1995 in JAPAN

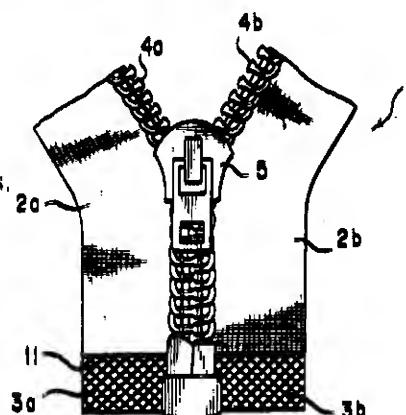
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

09 Claims

A slide fastener (1) comprising a pair of dyed fastener tapes (2a, 2b) each having a row of coupling elements (4a, 4b) attached to said fastener tape along a longitudinal edge thereof and at least a pair of reinforcing tapes (3a, 3b) attached to a terminal part of each of said fastener tapes (2a, 2b), characterized in that each of the reinforcing tapes (3a, 3b) comprising a transparent elastomer film (9) and an adhesive layer (10) superposed on the reverse side of said film (9) is welded to a terminal part of said dyed fastener tape (2a, 2b) through the medium of said adhesive layer (10) and has a knurled surface (11) at the welded part.

Reference to : 44 - 25, 843; 62 - 149, 780

Comp.Specn. 14 Pages; Drgs 02 Sheets



Ind.Cl.:130 F

193781

Int.Cl⁷:C 22 B 21/00, F 27 B 7/20

" A METHOD OF SEGREGATING ALUMINIUM FROM ALUMINIUM CONTAINING WASTE"

Applicant: AIR PRODUCTS AND CHEMICALS, INC., 7201 HAMILTON BOULEVARD, ALLENTOWN, PA 18195 - 1501, U.S.A., A US CORPORATION AND METALLWARENFABRIK STOCKACH GMBH, NENZIGER STR. 15 - 17, 78333 STOCKACH, GERMANY
A GERMAN COMPANY

Inventors: 1. FRANZ MICHAEL SCHWALBE
2. GREGOR LANGEMEYER
3. ROLAND SCHARF

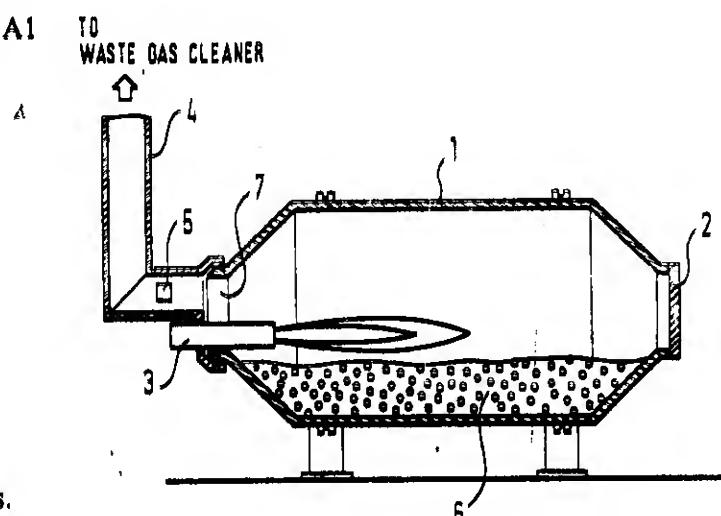
Application No:591/MAS/1996 filed on 09th April 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

09 Claims

A method of segregating aluminium from aluminium containing waste such as scraps by smelting the same in a rotary drum furnace having only one burner disposed at the exhaust end of said rotary drum furnace wherein a charging stock is introduced into said furnace through a charging door provided on one end thereof, fuel and gas containing oxygen are introduced into said rotary drum furnace through said burner and combusted in said furnace to smelt the aluminium containing waste therein, waste gases generated are exhausted through the exhaust end located opposite to said charging door and is passed through a waste gas measuring means and on completion of smelting aluminium is removed through said charge door.

Reference to : DE 41 15269 A1, EP 0475 128 A1



Ind.Cl.:173 B XXIX(2)

193782

Int.Cl⁷:B05B 9/00

"AN APPARATUS FOR DISPENSING A FINE SPRAY OF LIQUID PARTICLES"

Applicant: Shri. TERENCE WILLIAM BOLTON,
 A SCOTISH CITIZEN
 OF ROXBURGH, 19, SILVERWELLS
 CRESCENT, BOTHWELL, GLASGOW GY1 8DR
 SCOTLAND

Inventors: Shri. TERENCE WILLIAM BOLTON,

Application No453/MAS/1996 filed on 21st MAR 1996

Convention No.9514671.8 on, 18tH JULY 1995 in GB

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
 Patent Office, Chennai Branch.

12 Claims

An apparatus for dispensing a fine spray of liquid particles, comprising an elongate tubular casing whose internal cross-section is formed with a plurality of lengthwise-extending abutment surfaces between which is retained a pen formed with a nib of absorbent material, the casing having at one end a mouthpiece and at its end remote from the mouthpiece a nozzle having an orifice communicating with an expansion chamber into which the nib of the pen at least partially protrudes and the spacings between neighbouring abutment surfaces and the pen periphery defining passageways for the flow of air which is blown into the casing through the mouthpiece and which passes over the nib of the pen and leaves the casing through the orifice and the expansion chamber.

Reference to : JP-A-61042350; UK-2177620A UK-2245196; PCT-GB93/02332; UK-2257058; PCT-GB/94/00595

Comp.Specn. 13 Pages; Drgs 1 Sheets.

Ind.Cl.:69 K

193783

Int.Cl⁷:H 01 H 33/72**"CIRCUIT BREAKER"**

Applicant: ABB RESEARCH LTD., OF AFFOLTERNSTR.,
52, 8050 ZURICH,
SWITZERLAND, A SWISS COMPANY

Inventors: I. DR LUTZ NIEMEYER

Application No443/MAS/1996 filed on 20th March 1996

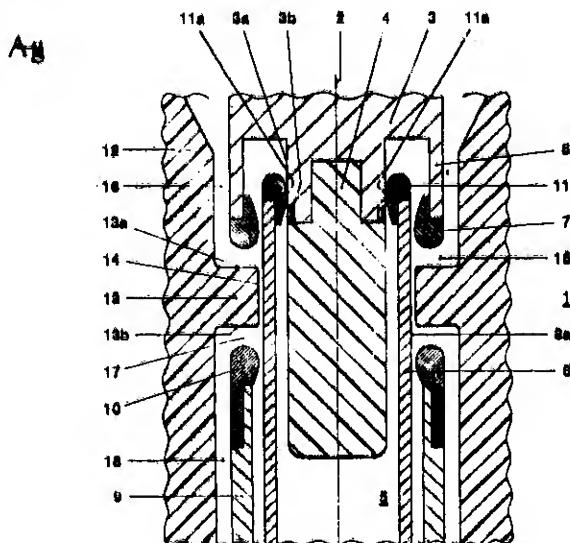
Convention No.195 17615.4 on, 13th May 1995 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003);
Patent Office, Chennai Branch.

10 Claims

A circuit breaker comprising a cylindrical arcing chamber filled with an insulating medium, the arcing chamber (1) having a power current path and an insulating housing, the insulating housing (12) having a longitudinal axis and the power current path extending along the longitudinal axis (2) of the insulating housing, the power current path having a fixed contact arrangement (3), the fixed contact arrangement being attached to an electrically insulating guide part, and a contact arrangement (5), the contact arrangement having a moving contact cage (8), the fixed contact arrangement and the contact arrangement having a first and second fixed erosion-resistant covering (7, 10) respectively, the insulating housing having a blast volume for accumulating an increased

pressure of the insulating medium which occurs when the moving contact cage breaks contact with the fixed contact arrangement, wherein when the circuit breaker is in an on position, the contact cage contacts the fixed contact arrangement above the guide part (4) and surrounds the guide part, the insulating housing has a shoulder which projects into a region between the first erosion-resistant covering and the second erosion-resistant covering, the first and second erosion-resistant coverings are arranged concentrically around a path of the guide part and the moving contact cage, and, when the circuit breaker switches from the on position to an off position, the moving contact cage moves out of contact with the fixed contact arrangement and into contact with the guide part.



Comp.Specn. 15 Pages; Drgs 04 Sheets.

Ind.Cl.:

193784

Int.Cl⁷: C 01 B 33/10**"GLASS CUTTING DISC"**

Applicant: MITSUBOSHI DIAMOND INDUSTRIAL CO.LTD.,
A JAPANESE CORPORATION, OF 14-7, KOROEN
SETTSU-SHI OSAKA 566

JAPAN

Inventors: 1.HARUO WAKAYAMA
2. YASUHIRO CHIYO

Application No375/MAS/1996 filed on 11th March 1996

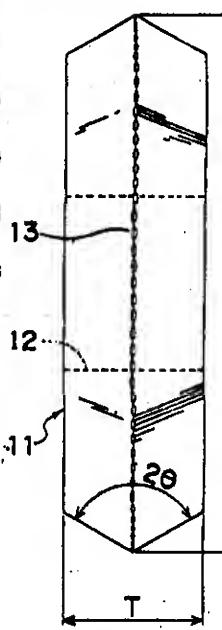
Convention No.7-287175 on, 6th Nov 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)–
Patent Office, Chennai Branch.

8 Claims

A glass cutting disc comprising an outer peripheral portion radially outwardly beveled to define a peripheral ridge, an angle of two bevel planes of the outer peripheral portion forming the peripheral ridge makes an obtuse angle, characterized in that the peripheral ridge has protrusions and grooves formed alternately with each other in a direction circumferentially of the glass cutting disc, the protrusions being spaced at a predetermined pitch and having a predetermined height measured from the base of each groove to the peripheral ridge.

Fig.2



Reference to : JAPAN NO. 54-180463; JAPAN NO. 6-56451; JAPAN NO. 62-237689

Comp.Specn. 17 Pages; Drgs 7 Sheets.

Ind.Cl.:129 Q XXXV

193785

Int.Cl⁷:F 16 L 9/16

"A MULTI WOUND METAL TUBE AND A METHOD AND AN APPARATUS FOR MANUFACTURING THE SAME"

Applicant: M/s. USUI KOKUSAI SANGYO KAISHA LTD.,
A JAPANESE CORPORATION
OF 131-2, NAGASAWA, SHIMIZU-CHO,
SUNTO-GUN, SHIZUOKA PREFECTURE
JAPAN

Inventors: 1. KAZUNORI TAKIKAWA
2. TERUSHISA TAKAHASHI

Application No236/MAS/1996 filed on 14th FEB 1996

Convention No.7-50507 on, 15th FEB 1995 in JAPAN

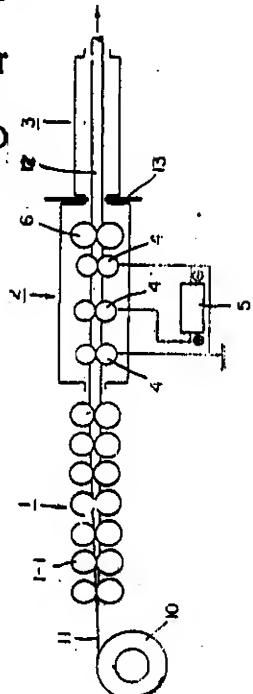
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

17 Claims

A multi-wound metal tube in which an outer seam portion is filled with a brazing material such as herein described to form the entire outer circumferential surface smooth, and the multi-wound walls are adhered to each other entirely with the brazing material without leaving gaps.

Reference to : USA-2746141 GERMAN-813839 JP-B-2904613

Comp.Specn. 48 Pages; Drgs 14 Sheets.



Ind.Cl.:39 K

193786

Int.Cl⁷:C 0B [5/0]

"A process for preparing Hydrogen Peroxide"

Applicant: Princeton Advanced Technology Inc.,
A US Company, 4 Bertram Place, Hilton Head Island,
South Carolina 29928, USA

Inventors: L. HAROLD A. HUCKINS

Application No234/MAS/1996 filed on 13th February 1996

Convention No.08/509,841 on 1st August 1995 In ISSN

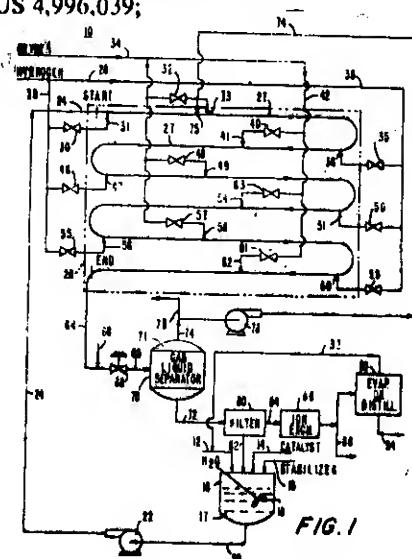
**Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch**

15 Claims

A process for preparing hydrogen peroxide by reaction of hydrogen and oxygen in the presence of a catalyst, comprising the steps of: (a) establishing a continuous flow of aqueous reaction medium containing finely divided catalyst for the said reaction in an elongated reaction zone; (b) sparging from one to twenty moles of oxygen and one mole of hydrogen into said continuously flowing aqueous medium, said hydrogen and oxygen being sparged at points distanced from one another along the path of said continuous flow and thereby forming dispersed tiny bubbles of hydrogen and oxygen, respectively, in said aqueous medium; (c) maintaining (i) the ratio of the flow of said aqueous medium to the aggregate flow of said gaseous hydrogen and oxygen, at from 300 to 30; (ii) the linear flow rate of aqueous medium at at least 10 feet per second; and (iii) the temperature and pressure conditions of the flow medium so as to cause the bubbles of hydrogen and oxygen to react catalytically to form hydrogen peroxide; (d) introducing the said reaction medium into a gas-liquid separator and therein separating unreacted gases from the aqueous reaction medium containing hydrogen peroxide; and (e) recovering hydrogen peroxide from said aqueous medium.

Reference to : US 4,347,232; US 4,336,240; US 4,336,239; US 5,082,647; US 5,169,618; US 4,009,252; US 4,279,883; US 4,681,751; US 4,772,458; US 4,996,039; US 4,661,337; US 5,104,635; US 5,194,242

Comp.Specn. 26. Pages; Drgs 2 Sheets.



Ind.CI.:206 H4

193787

Int.CJ⁷:H 03 K 7/00

"A METHOD FOR PROVIDING EFFICIENTLY VOCODED DATA OVER A PULSE CODE MODULATED SYSTEM AND A METHOD OF COMMUNICATING DIGITAL DATA OVER A PULSE CODE MODULATED SYSTEM"

Applicant: QUALCOMM INCORPORATED,
5775, MOREHOUSE DRIVE, SAN DIEGO,
CALIFORNIA 92121 - 1714, USA
A DELAWARE CORPORATION

Inventors: 1. ANDREW P. DEJACO 4. PAUL E. JACOBS
2. LINDSAY A. WEAVER 5. WILLIAM R. GARDNER
3. S. KATHERINE LAM 6. GILBERT C. SIH

Application No:225/MAS/1996 filed on 13th February 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

30 Claims

A method for providing efficiently vocoded data over a pulse code modulated (PCM) system comprised of at least a first vocoder and a PCM communication link, comprising the steps of: encoding at said first vocoder efficient vocoder data from a first remote source into a first PCM encoded signal for transmission over said PCM communications link wherein said step of encoding comprises the step of filtering in a first manner; adding to said first PCM encoded signal a transmitted detection code; receiving at said first vocoder a second PCM encoded signal over said PCM communications link; encoding at said first vocoder said second PCM encoded signal to produce efficient vocoder data for transmission to said first remote source wherein said step of encoding comprises the step of filtering in a second manner; monitoring at said first vocoder said second PCM encoded signal to discern whether said second PCM encoded signal comprises a received detection code; and modifying said first or said second manner of filtering if said second PCM encoded signal comprises said received detection code.

Reference to : 5, 414, 796; 07/822, 164; 5, 103, 459

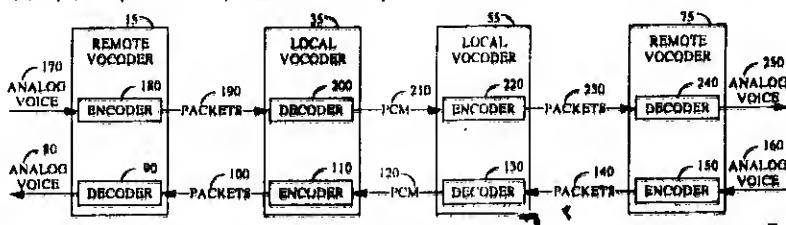


FIG. 1

Ind.Cl.:61 K VIII

193788

Int.Cl⁷:F 26 B 3/00

"AN APPARATUS AND A METHOD FOR TREATING A BED OF PARTICULATE MATERIAL"

Applicant: M/s. F L SMIDTH & CO., A/S
 A DANISH COMPANY
 VIGERSLEV ALLE 77, DK-2500, VALBY
 COPEHAGEN
 DENMARK

Inventors: 1. MOGENS JUHI FONS
 2. JORN TOUBORG

Application No:185/MAS/1996 filed on 6th FEB 1996

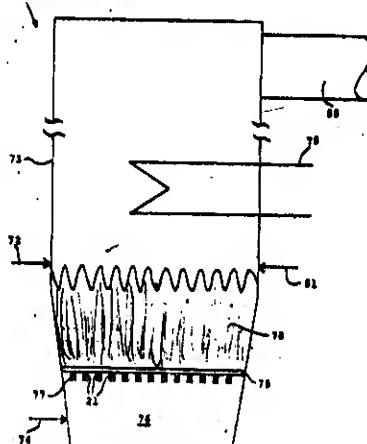
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
 Patent Office, Chennai Branch.

17 Claims

An apparatus for treating a bed of particulate material with a gaseous stream, the apparatus comprising a gas distribution bottom for supporting the bed to be treated and provided with a plurality of ducts for sectionalized supplying of treatment gas from one or several underlying compartments; each duct having a respective flow regulator which is automatically movable in direct response to the gas flow rate in the respective duct; characterised in that the flow regulator provides a continuously variable regulation of the gas flow within a predetermined range; the regulator being arranged to reduce the gas passage area in the duct when the gas flow begins to rise, and vice versa.

Reference to : EP O 442 129

Comp.Specn. 24 Pages; Drgs 5 Sheets.



Ind.Cl.:34 A X

193789

Int.Cl⁷:D 01 D 5/16; D 01 D 10/02; D 02 G 3/00

"A METHOD AND AN APPARATUS FOR SPINNING A SYNTHETIC MULTIFILAMENT YARN"

Applicant: BARMAG AG
A GERMAN COMPANY, OF LEVERKUSER STRASSE 65,
42897 REMSCHEID, GERMANY

Inventors: 1. HEINZ SCHIPPERS
2. RAHIM GROSS

Application No:129/MAS/1996 filed on 25th January 1996

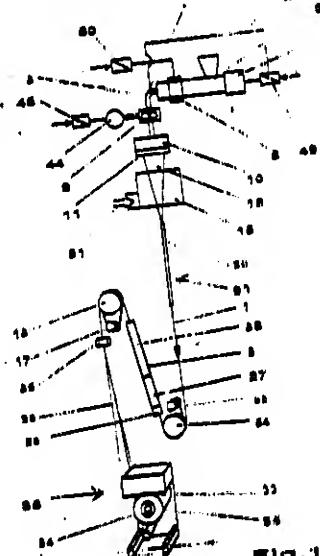
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

37 Claims

A method of spinning a synthetic multi-filament yarn comprising the steps of extruding a polymeric melt to form a plurality of advancing filaments, and gathering the filaments to form an advancing yarn, drawing the advancing yarn, and thereafter heating the advancing yarn by guiding the advancing yarn along a path of travel which is adjacent but at least essentially spaced from an elongate heating surface, with the heating surface being heated to a temperature which is above the melting temperature of the yarn, and while subjecting the advancing yarn to a tension which is insufficient to cause a plastic deformation of the yarn, and then winding the advancing yarn into a package.

Reference to : US 4,123,492; 4,902,461 DE 37 20 337; 38 08 854 EP 0539866 A2

Comp.Specn. 34 Pages; Drgs 7 Sheets.



Ind.Cl.:172 D 2

193790

Int.Cl⁷:D 01 H 9/00; D 01 H 9/04

"A DEVICE FOR THE UPWARD AND/OR DOWNWARD MOVEMENT OF A DOFFER BEAM OF A SPINNING FRAME"

Applicant: MASCHINENFABRIK RIETER AG
 KLOSTERTRASSE 20
 CH-8406 WINTERTHUR
 A SWISS COMPANY SWITZERLAND

Inventors: 1. Citterio Giorgio
 2. Frei Kurt

Application No124/MAS/1996 filed on 24th January 1996

Convention No.P195 10 239.8 on 21st March 1995 in Germany

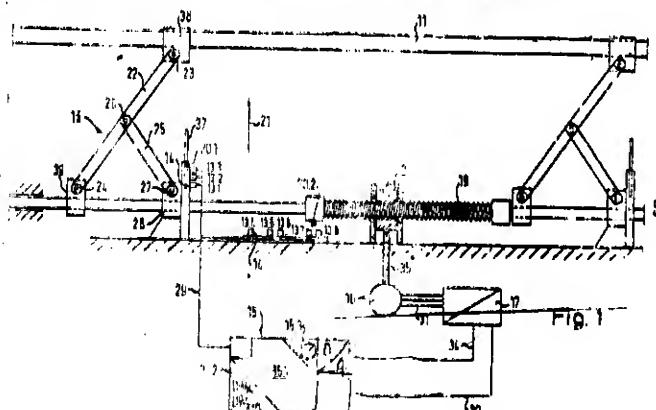
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
 Patent Office, Chennai Branch.

6 Claims

A device for the upward and/or downward movement of a doffer beam (11) of a spinning frame, in particular of a ring spinning frame, in which the movement of the doffer beam is controlled according to a pre-determined schedule, wherein along the moving path of the doffer beam (11) or of structural parts (19, 37), kinematically connected to it, initiators (14) are arranged at pre-determined intervals which, when passing a transmitter (20) mounted on the doffer beam (11) and/or a structural part (19, 37) kinematically connected to it, release a signal of presence to a control device (15) - and wherein the control device (15) is provided with a memory (15.2) stored with retrievable parameters of the velocity increase, velocity decrease respectively, and of the critical velocity (D_{wx}) and with a timer (15.3) which subdivides the schedule phases (10-1,...) into a number of small timed intervals and further wherein - within the control device (15) a processor (15.1) is provided which calculates, from the presence signals transmitted by the initiators (14) and the retrieved parameters (D_{wx}) from the memory (15.2), the predetermined critical velocity for the respective schedule step (10-1,...) and for the velocity increase, velocity decrease respectively, of the doffer beam (11) for each of the number of small steps and which delivers a signal to the doffer drive (16), which increases, decreases respectively, step by step the velocity up to the end of the schedule step by predetermined values.

Reference to : DE-OS 22 18 580

Comp.Specn. 14 Pages; Drgs 3 Sheets.



Ind.Cl.:206 E

193791

Int.Cl⁷:G 11 C 29/00

"A RECORD CARRIER, A DEVICE FOR READING AND A DEVICE FOR RECORDING THE RECORD CARRIER"

Applicant: KONINKLIJKE PHILIPS ELECTRONICS NV
a limited liability company, organised and established under the
laws of the Kingdom of The Netherlands at Groenewoudseweg 1,
5621 BA Eindhoven, The Netherlands

Inventors: I. Johannes Jan MONS

Application No S05/MAS/1999 filed on 29th April 1999

Division to patent Application No. : 141/CAL/1995 Dated : 14th February 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972),
Patent Office, Chennai Branch.

II Claims

A device for reading a data signal recorded on a record carrier and which represents data words, added codewords (C2) of a first-type and added codewords (C1) of a second-type, the added codewords of the first type having a predefined first relation to the data words, the added codewords of the second-type having a predefined second relation to the data words combined with the added codewords of the first type; the first and second relations determining error correction of the data words in accordance with a predetermined algorithm; the data words in the recorded data signal being grouped into blocks which each comprise a control portion containing control data words representing control information and a data portion containing user-supplied data words; the second-type (C1) codewords applicable to the data words of a block being distributed over

a portion of the data signal whose length is smaller than that of a portion of the data signal over which the first-type codewords (C2) applicable to the data words of said block are distributed; said device comprising: demodulating means for recovering the blocks of data words and associated codewords from said data signal; first error correcting means coupled to said demodulating means for correcting errors in the recovered blocks of data words based only on the second-type (C1) codewords associated therewith; distributing means coupled to said first error correcting means for inverting the distribution of the first-type (C2) codewords so as to restore them to their original positions in relation to the data words in the corrected blocks produced by said first error correcting means; second error correcting means coupled to said distributing means for correcting errors in the recovered blocks of data words based on the first-type (C2) codewords associated with said blocks; and decoding means coupled to at least one of said demodulating means and said first error correcting means for separating control data words representing control information from the control portions of the data signal blocks, the control data words so obtained being uncorrected when obtained from said demodulating means and being corrected solely in accordance with the second-type (C1) codewords when obtained from said first error correcting means; whereby upon read-out of a block of data words the relevant control information is recovered substantially immediately and is either uncorrected or corrected solely in accordance with the second-type (C1) codewords.

Reference to : 136/Cal/95;

Comp.Specn. 19 Pages; Drgs 2 Sheets.

Ind.Cl.:147 G

193792

Int.Cl⁷:H 04 N 1/036**"An optical disk reproduction apparatus"**

Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.,
A Japanese Company, of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571,
Japan

Inventors:

1. Motoshi ITO
2. Yoshihisa FUKUSHIMA
3. Hiroshi UEDA

Application No27/MAS/2000 filed on 12th January 2000

Convention No.7-270833 on, 19th October 1995 in Japan
Division to patent Application No. : 1825/MAS/1996 Dated : 16th October 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003).
Patent Office, Chennai Branch.

3 Claims

An optical disk reproduction apparatus for reproducing an optical disk, the optical disk comprising:

first and second recording layers placed one over the other in a manner such that information recorded in each of the first and second recording layers is optically readable from one of the optical disk;

tracks formed on the first and second recording layers with a plurality of sectors provided along the tracks; and

sector addresses provided for the plurality of sectors, respectively, wherein the sector addresses on the first recording layer increase from a first circumference side to a second circumference side, the first circumference side being one of a most inner circumference and a most outer circumference, the second circumference side being

the other one of the most inner circumference and the most outer circumference, and the sector addresses on the second recording layer increasing from the second circumference side to the first circumference side;

wherein the sector addresses of sectors in the tracks on one recording layer of the first and second recording layers and the sector addresses of approximately corresponding sectors in the tracks on the other recording layer of the first and second recording layers are in a complementary relationship of binary numbers;

said optical disk reproduction apparatus comprising:

means for detecting an address of a current sector to which an optical head unit is focused;

means for detecting a number of one of the first and second recording layers to which the optical head unit is focused; and

means for converting the detected address, when the detected number is the second, to contiguous logical space which is in common with an address of the first recording layer.

Comp.Specn. 49 Pages; Drgs 11 Sheets.

Ind.Cl.:187 H

193793

Int.CP/1104 J 3/16

"A METHOD FOR HIGH-SPEED DATA TRANSFER IN A DIGITAL MOBILE COMMUNICATION SYSTEM"

Applicant: M/s. NOKIA TELECOMMUNICATIONS OY,
A FINNISH COMPANY
OF UPSEERINKATU 1
FIN-02600 ESPOO,
FINLAND

Inventors: Mr. MIKKO KANERVA
Mr. JUHA RASANEN
Mr. HARRI JOKINEN

Application No2285/MAS/1996 filed on 17th DEC 1996

Convention No.956087 on, 18th DEC 1995 in FINLAND

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules. 2003)
Patent Office, Chennai Branch.

8 Claims

A method for high-speed data transfer in a digital mobile communication system, the method comprising the steps of

establishing a non-transparent data connection having a number of parallel subchannels allocated on the radio interface, said number being determined by a specific maximum transfer capacity;

receiving user data from a terminal interface at a varying user data rate;

transmitting user data over the non-transparent data connection in data frames by employing a communication protocol which acknowledges data frames received correctly and retransmits defective data frames;

buffering data frames to be transmitted in a transmission buffer;

storing the data frame transmitted in the transmission buffer for a possible retransmission until an acknowledgement is received from the receiving end, characterized by

determining the actual user data rate on the terminal interface;

determining a minimum number of subchannels, said number being determined by the actual user data rate;

transmitting user data in data frames only via specific subchannels corresponding in number to said minimum number of subchannels;

interrupting transmission or activating discontinuous transmission on each surplus subchannel allocated to the connection;

monitoring fill level of the transmission buffer;

continuing transmission or deactivating discontinuous transmission on at least one of said surplus subchannels if the transmission buffer fill level reaches a first threshold value; and

interrupting transmission or reactivating discontinuous transmission on at least one of said surplus subchannels if the transmission buffer fill level decreases to a second threshold level.

Comp.Specn. 24 Pages; Drgs 5 Sheets.

Ind.Cl.:119 C

193794

Int.Cl⁷:D 03 C-13/00

"DEVICE FOR THE SELECTIVE CONTROL OF AN OSCILLATING TRANSVERSE MOVEMENT OF A YARN, ESPECIALLY OF A WARP YARN OF A WEAVING MACHINE"

Applicant: TEXTILMA AG
 a body corporate organized under the laws of Switzerland
 Seestrasse 97, CH-6052 Hergiswil, Switzerland

Inventors: 1. KUONI Christian
 2. DE ANGELIS Marco

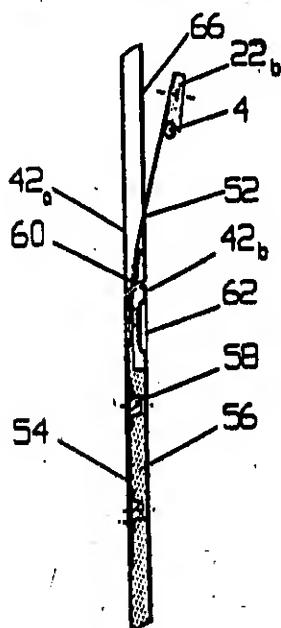
Application No:1677/MAS/1996 filed on 23rd September 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003):
 Patent Office, Chennai Branch.

17 Claims

A device for the selective control of an oscillating transverse movement of a yarn (4, 4a), especially of a warp yarn of a weaving machine, with at least one lifter (6, 6a, 6b, 6c, 6d, 6e) capable of being driven in oscillation and having at least one driver (22, 22a, 22b, 22c, 22d) for the yarn (4, 4a), characterized in that it has a control means (52, 52a, 52b, 78, 84a, 84b) actuatable by means of an actuator (60, 60a, 60b), in order to bring the yarn into engagement with the driver.

Comp.Specn. 20 Pages; Drgs 5 Sheets.



Ind.CI.32 B

193795

Int.CI⁷:C 07 C 13/615**"A process for the preparation of cyclopentadienyl derivatives"**

Applicant: BNICHEM SpA.,

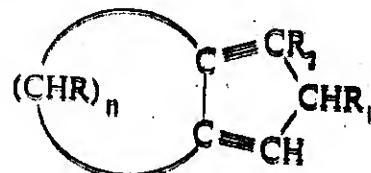
A Company organized under the laws of the Italian Republic
of Piazza della Repubblica 16, Milan,
Italy

Inventors:

- | | |
|-----------------------|------------------------|
| 1. PAOLO BIAGINI | 4. GABRIELE LUGLI |
| 2. ROBERTO SANTI | 5. SAN DONATO MILANESE |
| 3. GIAMPIERO BORSOTTI | 6. VIVIANO BANZI |

Application No 1461/MAS/1996 filed on 19th August 1996

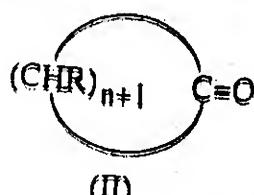
Convention No. MJ95A 001826 on, 30th August 1995 In Italy

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.**10 Claims****A process for the preparation of cyclopentadienyl derivatives having formula (Ia);**

(Ia)

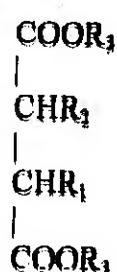
where n is an integer from 2 to 18, R, R₁ and R₂ have the above-mentioned meaning, which comprises the following steps:

(a) Stobbe type condensation between a ketone having formula (II)

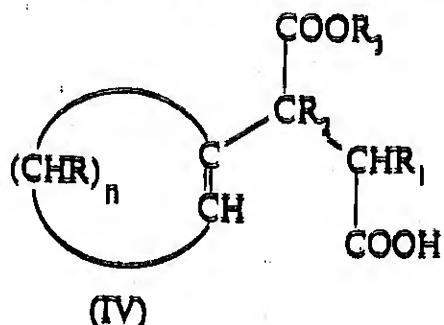


(II)

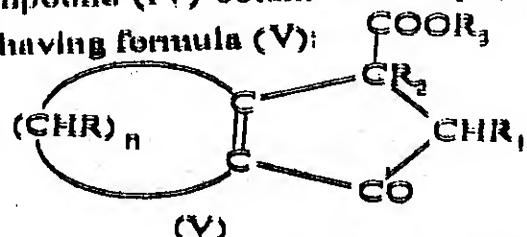
with an ester of the succinic acid having formula (III)



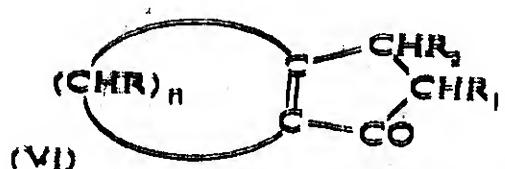
where the groups R_1 , equivalent to or different from one another, are selected from monofunctional alkyl radicals C_1-C_3 to give the $\alpha\text{-(}\alpha'\text{-cycloalkenyl)}\text{-}\beta\text{-hydroxycarbonylalkyl propionate having formula (IV):}$



Intramolecular condensation of the compound (IV) obtained in step (a) to give the condensed rings compound having formula (V):



Hydrolysis and decarboxylation of the compound (V) obtained in step (b) to give the $\alpha,\beta\text{-unsaturated condensed ring ketone having formula (VI):}$



Reduction in a known manner of the $\alpha,\beta\text{-unsaturated condensed ring ketone (VI)}$ obtained in step (c) to give the conjugated condensed ring diene having formula (Ia) steps (b) and (c) also being able to be carried out in the inverted order as compared to the above-mentioned one, or in a single step and recovery of the compound of formula (Ia) in a known manner.

Ind.Cl.:174 FyG

193796

Int.Cl⁷:F 16 F 15/123

"A SPRING SEAT FOR USE WITH AN ELASTIC MEMBER IN A DAMPER DISC ASSEMBLY"

Applicant: EXEDY CORPORATION
A Japanese Corporation
of 1-1, Kidamotomiya 1-chome, Neyagawa-shi,
Osaka 572, Japan

Inventors: 1. TAMIO NAGANO 4. HIDEYUKI IMANAKA
2. SABURO NAKANISHI 5. HIROSHI UEHARA
3. YOSHITAKA KITAMURA

Application No1276/MAS/1996 filed on 18th July 1996

Convention No.7-187037 on, 24th July 1995 in Japan

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

7 Claims

A spring seat for use with an elastic member in a damper disc assembly, comprising : a spring seat body having a receiving surface for receiving an elastic member and a contacting surface for engaging a damper disc assembly plate member, said contacting surface formed with at least one slanting portion having a generally V-shaped cross section; wherein said slanting portion is configured for installation of said spring seat body and said elastic member into a damper disc assembly in predetermined positions with said contacting surface in engagement with said damper disc assembly plate member.

Ind.Cl.:48 C

193797

Int.Cl⁷:H 01 B - 3/30**" A COAXIAL CABLE"**

Applicant: MITSUBISHI CABLE INDUSTRIES, LTD.
OF 8, NISHINOCHO, HIGASHIMUKAIJIMA,
AMAGASAKI - SHI, HYOGO 660, JAPAN,
OF JAPANESE COMPANY

Inventors: 1. TAKASHII HIGASHIKUBO 4. TAMOTSU KAIDE
2. TOSHIHIRO ZUSHI
3. HIROKAZU KUZUSHITA

Application No:982/MAS/1996 filed on 06th June 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972),
Patent Office, Chennai Branch.

07 Claims

A coaxial cable comprising a foam insulating layer prepared from an insulating material for coaxial cables, which material comprising a polyolefin resin heat-melt extrudable and a fluororesin powder as a nucleator, and being foam extrudable in the presence of a foaming agent, wherein the polyolefin resin is a high density polyethylene, a low density polyethylene or a mixture of a high density polyethylene and a low density polyethylene.

Comp.Specn. 22 Pages; Drgs 01 Sheets.

Ind.Cl.:27-O

193798

Int.Cl⁷:B 04 B-2/86, B 04 C-11/00**"Wall construction and method of constructing a wall construction"**

Applicant: MA-RAKENNUS J. MANTYLA KY
 A Finnish Company,
 Itäharjavalta 129, FIN-29200 Harjavalta,
 Finland

Inventors: J. Juliani Mantyla

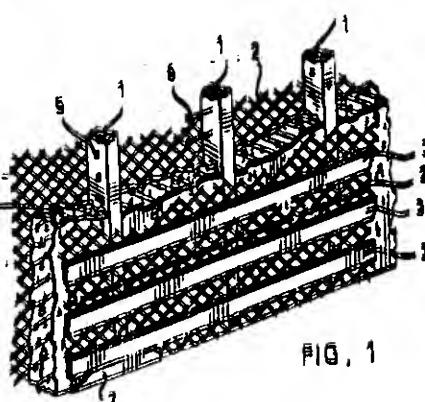
Application No:713/MAS/1996 filed on 1st May 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
 Patent Office, Chennai Branch.

20 Claims

A wall construction comprising supporting poles (1), filling material cast between them and means acting as a mould and forming part of the wall construction and together with the filling material a reinforcement, said means being arranged to stay in a predetermined position, wherein supporting poles (1) are wooden and a close-meshed metal net (2) is used as means acting as a mould and that the close-meshed metal net is attached at least to one side of the wooden supporting poles, so that the metal net stays in a predetermined position.

Comp.Specif. 14 Pages; Drawgs 1 Sheets.



Ind.Cl.: 57 D

193799

Int.Cl.: D 60 J 5/04

"A DEVICE FOR RAISING AND LOWERING THE WINDOW PANES OF AUTOMOBILES"

Applicant: LUCAS-TV'S LIMITED, PADI, CHENNAI - 600050

Inventors: 1. KRISHNAVILASAM RAGHAVAN ANANDAKUMARAN NAIR

2. VAITHILINGAM VISHWANATHAN

Application No: 622/MAS/1996 filed on 15th April 1996

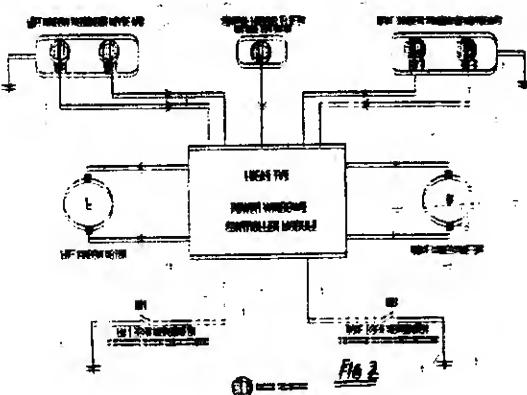
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

—05 Claims

1. A device for raising and lowering the window panes of automobiles comprising a reversible motor provided for drive means coupled to one window pane; at least two manually operable switches and at least one microswitch operable by the drive means; a microcontroller activatable on operation of one or more of the said switches; an amplifier and comparator provided in the motor circuit for amplifying the motor current and comparing it with a preset voltage reference, the comparator activating the microcontroller whenever the motor current exceeds the preset voltage reference, said microcontroller, in its activated state, energising, de-energising, reversing or disabling the reversal of, the motor to cause the drive means to raise, lower, reverse or arrest the movement of, the said pane or panes.

Compl. Specn.: 19 Pages

Draws: 07 Sheets



Ind.Cl.:195 D

193800

Int.Cl⁷:F 16 K 25/00

"A Spherical Valve for simultaneous regulation of the flow of particulate solids and gases"

Applicant: HYLSA S.A. DE C.V.,
A Corporation under the laws of Mexico
of Avenida Munich y Calle, Guerrero,
San Nicolas de los Garza, Nuevo Leon.
Mexico

Inventors: 1. MARCO AURELIO FLORES-VERDUGO
2. CESAR HUMBERTO VALDEZ-CHAPA
3. ERNESTO NARVAEZ-DE LEON
4. LUIS LAURO ALANIS-SANTOS

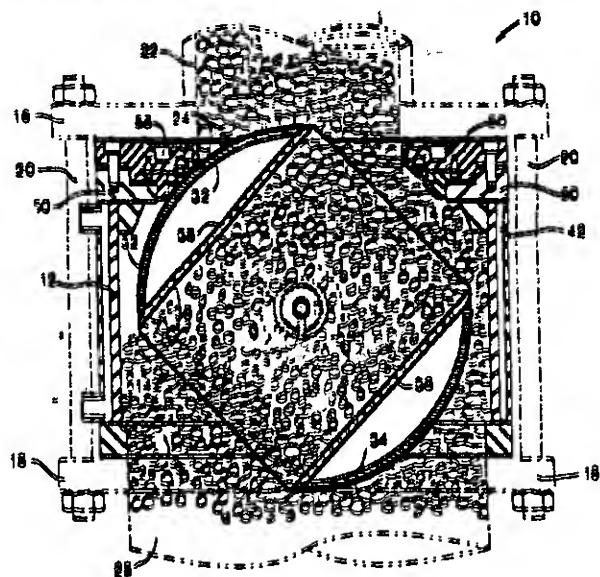
Application No:358/MAS/1996 filed on 6th March 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

6 Claims

A spherical valve for simultaneous regulation of the flow of particulate solids and gases comprising; a valve body having a circular inlet with a spherically concave inner lip, and an outlet generally opposite to said inlet, respectively defining first and second valve body passages for said particulate solids and gases; a particulate solids blocking member having a central opening defining a third intermediate passage therethrough and further having at least a portion thereof in the shape of a sphere which portion is sized and positioned to be rotatable to extend in the closed position entirely across so as to block said circular inlet and additionally to spherically overlap the inlet's lip in both the open and closed positions so as to always be in close proximity at all times to such lip around its entire circumference thereby defining a sealing surface on the convex spherical surface of said portion of said solids blocking member, with said blocking member being rotatably mounted in said body for movement from a closed

position where said blocking member prevents said solid particles from passing through said passage to an open position where the third passage of said blocking member is aligned with the first and second passages of said valve body; a resilient fluid-inflatable sealing member extendable from a deflated position seated within a recess in said lip to an inflated position sufficient to engage and form a seal against said concave spherical portion of said blocking member within the entire overlap in either the open or closed position by the action of pressure from a fluid within said recess acting on said sealing member; and means for increasing and decreasing the pressure of the fluid to act on said sealing member, whereby when the pressure of said fluid is increased a gas-tight seal is formed between the sealing surface of said blocking member and said sealing member within the protection of said overlap, thus preventing said sealing member from becoming damaged by the effect of the high temperature of said hot particulate solids.



IND. CL. : 146 C 193801

INT. CL. : G 06 F 15/00

TITLE : APPARATUS FOR PLAYING A QUIZ GAME

APPLICANT :

- 1) UBALE AJAY GANESH
- 2) UBALE SANGITA AJAY
SHALAKA, OPP. COOPERAGE GROUND, MAHARSHI
KARVE ROAD, MUMBAI - 400 021, MAHARASHTRA, INDIA
- 3) CORREA NIXON HENRY
702 GULISTAN, 7 BUNGLOWS-VERSOVA, ANDHERI (W.),
MUMBAI - 400 061, MAHARASHTRA, INDIA
- 4) PRADHAN ADITYA ANIL
D-1/203, KALPITA ENCLAVE, SAHAR ROAD, ANDHERI (E.),
MUMBAI - 400 069, MAHARASHTRA, INDIA
ALL INDIAN NATIONALS

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : _____

INDIAN APPLICATION NO. : 910 MUM 2000 DATED 09/10/2000

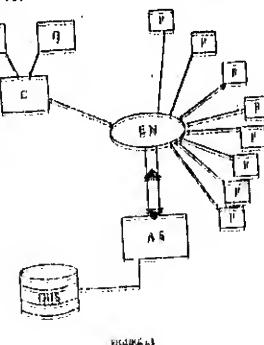
COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 03.05.2001

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

51 CLAIMS

- 1) Apparatus for playing a quiz game of skill playable by remotely located participants simultaneously logged in and competing against each other, said game including inserted advertising comprising:
 a network structure for allowing multiple players to engage in a quiz game using an electrical or electronic network for data exchange; and a control system for establishing a virtual universe for said quiz game that can be accessed by any of said multiple players via an electrical or electronic network, said control system being operative for providing quiz questions and inserted advertisement for each of said multiple players; said control system including:
 text means for receiving a text input from each one of said multiple players, said text input being in response to quiz question which is in the form of a multiple choice question.

PROVISIONAL SPECIFICATION : 21 PAGES DRAWINGS: 16 SHEETS
 COMPLETE SPECIFICATION : 60 PAGES DRAWINGS: 07 SHEETS



IND. CL. : 90 I 193802

INT. CL. : H 02 P 3/00
C 03 B 37/07

TITLE : AN IMPROVED DIGITAL INVERTER SYSTEM

APPLICANT : SHAMVIK GLASSTECH PVT. LTD.
155, MAKER CHAMBERS VI,
14TH FLOOR, 220, NARIMAN POINT,
MUMBAI - 400 021, INDIA
AN INDIAN COMPANY

INVENTOR : 1) VIJAY KUMAR GOEL

**INTERNATIONAL
APPLICATION NO.** : -----

**INDIAN
APPLICATION NO.** : 571 BOM 1999 DATED 12/08/1999

PRIORITY NO. : -----

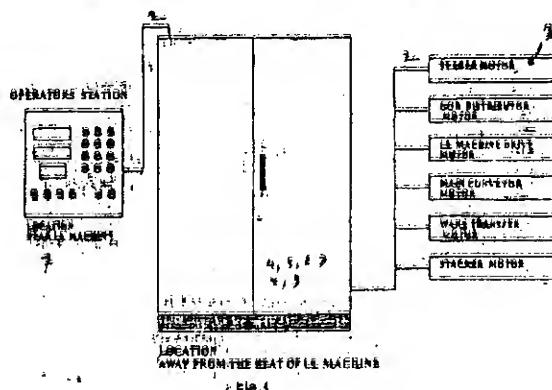
**APPROPRIATE OFFICE FOR OPPosition PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

02 CLAIMS

1) An improved digital inverter system (1) comprising a plurality of contractors (2) to mechanically interlocked for making the individual motor (3) OFF and ON through the master inverter (4); said master inverter is connected to three phase supply source (5) there is provided a corrector inverter (6) for correcting the individual speed of the motor the other terminal of the connector inverter is connected to the supply; the control panel (7) is directly connected to the supply source consisting of motor potentiator (8), relay logic (9), motor over load OFF and ON switch (10) with lamp indicators (11) the said controller is further provided with various drivers for correcting the speed of corrector inverter.

COMPLETE SPECIFICATION : 09 PAGES

DRAWINGS: 04 SHEETS



IND. CL. : 94 I 193803

INT. CL. : B 02 C 4/32,
B 30 B 9/02
C 13 D 1/06

TITLE : A SUGARCANE DETOPPER CUM DETRASHER

APPLICANT : WALCHANDNAGAR INDUSTRIES LIMITED
3, WALCHAND TERRACES.
TARDEO ROAD, MUMBAI 400 034,
MAHARASHTRA, INDIA
AN INDIAN COMPANY

INVENTOR : 1) DR. RAMAKANT TIWARI

INTERNATIONAL APPLICATION NO. : -----

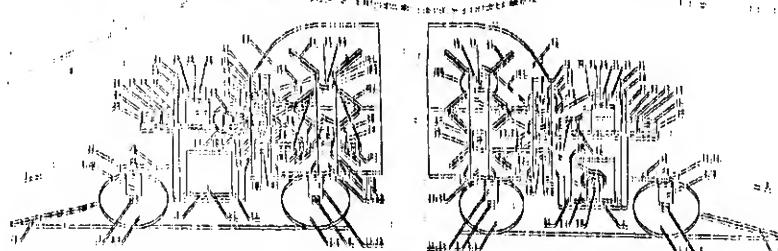
INDIAN APPLICATION NO. : 510 BOM 1999 DATED 15/07/1999

PRIORITY NO. : -----

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

09 CLAIMS

1) A sugarcane detopper cum detrasher (1) comprising a frame (2) provided with wheels (3, 4, 5, 6) and a handle (19), an endless conveyor (26) horizontally rotatably mounted on the frame at the front side thereof, a detopping rotary cutter (33) rotatably mounted on the frame at the front side thereof in the proximity of the conveyor, the rotary cutter being rotatable in a plane perpendicular to the direction of motion of the conveyor, a cane guide (37) provided on the frame at the front side thereof in the proximity of the rotary cutter and adapted to guide canes onto the conveyor across the rotary cutter, a pair of contra-rotating feed rollers (41, 42) disposed one below the other in spaced apart relationship with each other in the proximity of the leading edge of the conveyor and rotatably mounted on the frame, the feed rollers being rotatable in the direction of rotation of the conveyor. The top feed roller (41) being floating, a pair of contra-rotating detrasher rollers (55, 56) disposed one below the other in spaced apart relationship with each other in tandem with the feed rollers and rotatably mounted on the frame, the detrasher rollers being provided with a plurality of detrasher elements (61) on the circumference thereof, a cover (62) disposed over the feed and detrasher rollers and mounted on the frame and an engine (63) mounted on the frame and connected to the conveyor, rotary cutter, feed rollers and detrasher rollers through a drive arrangement.



IND. CL.

: 64 B 3

193804

INT. CL.

: H 01 J 009/06

TITLE

: AN IMPROVED HOLDER FOR FLUORESCENT TUBE

APPLICANT

: RAM RATAN SOHANLAL SARAF
 NIRAJ RAM RATAN SARAF, PARTNER OF
 ELECTROPLAST ENGINEERS
 101, NIRMAN INDUSTRIAL ESTATE, CHINCHOLI, LINK
 ROAD, MALAD (WEST), MUMBAI : 400 064,
 MAHARASHTRA, INDIA,
 BOTH INDIAN NATIONALS.

INVENTOR

: IDEM

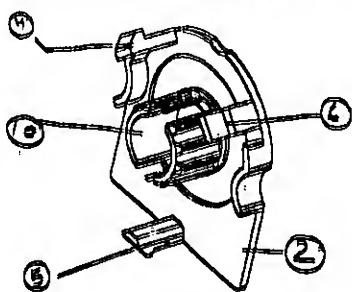
INTERNATIONAL
APPLICATION NO: INDIAN
APPLICATION NO.

: 439 BOM 1999 DATED 10/06/1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
 (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

02 CLAIMS

- 1) An improved holder for fluorescent tube consisting of moulded housing (1) and the moulded back cover (2) which is snap fitted by three notches (4,5,6) provided in the base at approximately 120° apart with three corresponding grooves (7,8,9) provided in the housing; the base is provided with central projection (10) radially placed for locating the rotor (11) which has central slots (12) for guiding the fluorescent tubes pins; there are two brass contacts (13,14) placed inside and encompassing the moulded projection (15,16) therein for giving electrical contact to the tube; a pressure plate (17) made up of stainless steel as a biasing means is placed between the two projected legs (18,19) moulded in the holder and extending outwardly for click fixing the holder on to the light fittings; the holder is also provided at its base cut-outs for wire insertion (20,22), wire release (21,23) cut outs.



COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS : 05 SHEETS

IND. CL. : 51 D 193808
 INT. CL. : B 26 B.21/22
 TITLE : A THREE BLADE RAZOR ASSEMBLY
 APPLICANT : VIDYUT METALLICS LIMITED,
 MALHOTRA HOUSE, 4TH FLOOR,
 OPP. Q.P.O. FORT, MUMBAI - 400 001,
 INDIA, AN INDIAN COMPANY
 INVENTOR : UMESH VED
 INTERNATIONAL APPLICATION NO : -----
 INDIAN APPLICATION NO. : 300 BOM 1999 DATED 22/04/1999
 PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
 PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

1) Three blade razor assembly comprising:

(a) three blades namely top blade (22), center blade (30) and seat blade (40) with said top blade spaced above said center blade by a top spacer (60) disposed there between and said center blade spaced above the said seat blade by a bottom spacer (70) disposed there between, wherein said blades have exposed cutting edges (23, 33, 43) respectively, center blade (30) and seat blade (40) have debris slots (32, 42) respectively, for cleaning of debris and three blades have side slots (19, 29, 39) for blade location and wherein further said spacers have debris slots (27, 32) for cleaning of debris and steps (26, 36) for more clearance between blades (30, 40), and wherein said spacers are made of material selected from plastic and aluminum;

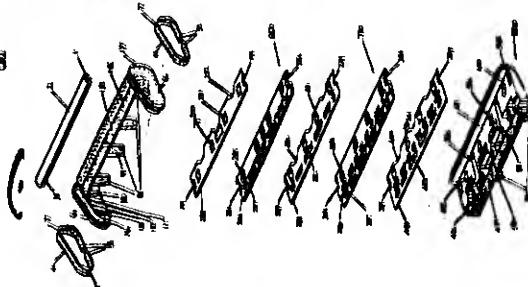
(b) a top cap (17) having slot (15) on top-side and a slot (14) on two side faces (6) for fitting of lubricating strip (1) and each side face (6) having slot (4) on its outer surface over which side clamp (7) is mounted, bent and both its ends locked at (5) and wherein further the said top cap has plurality of downwardly extending hollow tongues capable of engaging into the blade and spacer holes (20, 25, 31, 35 and 41) and a hole (45) of seat (80) wherein the hollow tongues allow riveting after assembly and wherein further said side faces (6) have steps (11, 12, 13) for positioning of said top blade, center blade and seat blade so as to impart a geometrical profile to the three blade assembly with exposure of seat blade in minus side, exposure of center blade being zero and exposure of top blade being on plus side;

(c) seat (80) having a front guard (49) at one side and step (47) on other side, serrations (49) on guard side, hole (45) for tongue (8), razor handle pivot legs (52) on the bottom side having a cam profile which impart swivel motion to the razor during a shaving operation;

(d) said three blade assembly with a spacer disposed between said top blade and said center blade and between said center blade and said seat blade, being anchored between said top cap (17), and seat (80) and riveted at tongues (8).

COMPLETE SPECIFICATION : 15 PAGES

DRAWINGS: 07 SHEETS



IND. CL. : ---- 193806

INT. CL. : B60 R 1/06, 1/12
B62 K 11/14

TITLE : MOUNTING ARRANGEMENT FOR A COMPACT REAR VIEW MIRROR FOR TWO WHEELED VEHICLES

APPLICANT : TATA FICOSA AUTOMOTIVE SYSTEMS LTD.
SURVEY NO. 235/245 VILLAGE-IIINJEWADI,
TALUKA-MULSHI, DIST-PUNE-411 027,
MAHARASHTRA, INDIA, AN INDIAN CO.

INVENTOR : 1. PURSHOTAM DESHPANDE
2. AJAY APTE

INTERNATIONAL APPLICATION NO : ----

INDIAN APPLICATION NO. : 317 MUM 2001 DATED 04/04/2001

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON 24/05/2002.

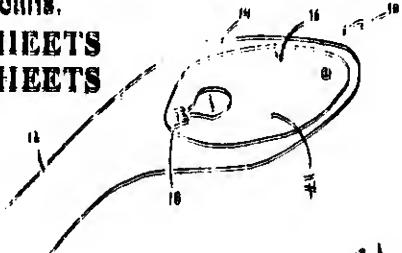
PRIORITY NO. : ----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

- 1) A mounting arrangement for a compact rear view mirror for two wheeled vehicles having handlebars comprising a frame having a handlebar attaching arm extending into a mirror attaching member integral with the arm, said mirror attaching seat member having a built in articulate universal joint element which cooperates with a joint element on the base of a complementary shaped mirror capable of fitting within the mirror attaching seat member to enable the member to be articulated in the seat member to a plurality of positions to enable the rider to adjust the mirror reflecting surface to various viewing angle about its axis to clearly view traffic coming from behind of the rider and means for securing the frame to the handlebar said mirror frame having a resident lighting means.

COMPLETE SPECIFICATION : 11 PAGES DRAWINGS: 4 SHEETS
PROVISIONAL SPECIFICATION : 09 PAGES DRAWINGS: 4 SHEETS



IND. CL. : 160 A **193807**

INT. CL. : B 60 P 3/22 & 3/42

TITLE : A TANK TRAILER CAPABLE OF HAULING FLUID AS WELL AS SOLID CARGO

APPLICANT : PRAKASH DATTATREY DESHPANDE
FLAT NO. 2, PROFILE ARBOUR,
76/15, CHIPLUNHAR ROAD,
SHANTISHEELA HOUSING SOCIETY,
ERANDAVANA, PUNE 411 004,
MAHARASHTRA, INDIA,
AN INDIAN NATIONAL

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 959 MUM 2000 DATED 25/10/2000

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 23.01.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

29 CLAIMS

1) A tank trailer capable of hauling fluid as well as solid cargo consisting of a trailer capable of being hauled; said trailer having provided thereon at least one tank having flexible walls capable of being displaced in two alternative operative configurations: an extended configuration in which the tank is capable of hauling fluid cargo contained therewithin and a collapsed configuration in which the tank in cooperation with a platform fitted above the tank is capable of supporting thereabove solid or other type of cargo

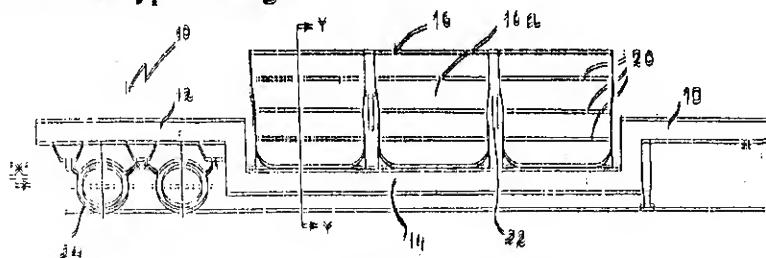


FIGURE - 1

PROVISIONAL SPECIFICATION : 08 PAGES
COMPLETE SPECIFICATION : 17 PAGES

DRAWINGS: 03 SHEETS
DRAWINGS: 05 SHEETS

IND. CL. : 174 B, 181 193808

INT. CL. : F16F 9/36

TITLE : A SEAL SHIELD FOR SHOCK ABSORBERS FOR LAND VEHICLES AND THE LIKE.

APPLICANT : ENDURANCE SYSTEMS (INDIA) PRIVATE LIMITED,
AN INDIAN COMPANY,
E-92, M.I.D.C. INDUSTRIAL AREA,
WALUJ, AURANGABAD – 431 136,
MAHARASHTRA, INDIA.

INVENTOR : ANURANG NAreshchandra JAIN

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 774 MUM 2002 DATED 27/08/2002

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 21/08/2003

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

- 1) A seal shield for shock absorbers for land vehicles and the like, which consists of a circular metallic disc (1) having an opening in its center. The circular metallic disc is provided with a uniform coating of rubber or the like material (2). The said uniform coating of rubber or the like material forms two lips namely an upper lip (3) and a lower lip (4) on the inner rim of the central opening of the circular metallic disc. The upper lip (3) has a rounded edge and the lower lip (4) has a tapered edge.

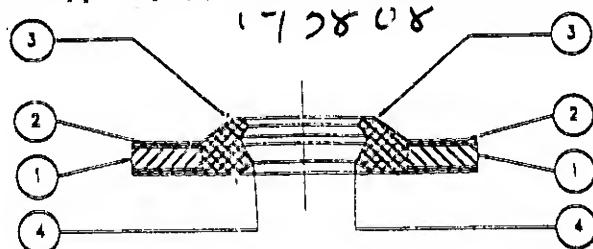


FIGURE - 1

PROVISIONAL SPECIFICATION : 04 PAGES
COMPLETE SPECIFICATION : 05 PAGES

DRAWINGS: 01 SHEETS
DRAWINGS: NIL SHEETS

IND. CL. : 69 B

INT. CL. : H 02 H 3/02 193809

TITLE : AN ELECTRONIC NUMERIC MULTI-FUNCTION RELAY FOR ELECTRICAL POWER SYSTEMS

APPLICANT : SUYASH MANOHAR KULKARNI & MANOHAR PUNDALIK KULKARNI
D/7, DEBONAIR APARTMENTS, ALMEIDA ROAD, CHANDANWADI, THANE - 400602, MAHARASHTRA, INDIA
BOTH INDIAN NATIONALS

INVENTOR : 1) SUYASH MANOHAR KULKARNI

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 321 BOM 1999 DATED 28/04/1999

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

- 1) An Electronic Numeric Multifunction Relay for electrical power system protection supervising, IDMT Tripping curve selection, Auto reclosing memorizing fault, deriving KWH/KVA/values, all with R.T.C. stamping, The data being available on command at local & Distant station comprising :-
- A Micro-controller using Digital Signal Processing Technology with reading instant values from connected devices, calculating and displaying RMS values;
 - RAM within the said Micro-controller containing the programmed operating instructions of Standard IDMT tripping curves data, Auto reclosing sequencing data, Sine/cosine algebraic formulas, formulas for RMS value calculations, and sequences of operation to control Trip and Auto-reclosing and Lockout operating instructions;
 - RAM within same Micro-controller; containing the inputted data for setting the operating constants of Real time and Calendar Clock, and IDMT curve selection, Auto-reclosing trial number selection, Averaging time selection, Communiadation control selection;
 - Key-pad mechanical device connected to said Micro-controller;
 - a input signal sensing device assembly to receive four independent inputs from external devices and converts to digital format electrically and connected to the input of the said controller and to output socket facilitating to read and calibrate the monitored quantity;
 - an interface device assembly connected to the said Controller for converting command given by the said Controller for execution of connected external control devics of system to be protected, and alarm to be generated.
 - a control supply sensing device having set limit values for monitoring external supply variations and providing stable power to controller circuitry;
 - an Interface sensing device to sense the status of the controlled switchgear of system to be protected, and connected to the said controller.
 - a command input device with Key pad connected to the said controller for forming interface between operator and said controller;
 - and a socket provided to internal communication port of said controller for remote control operation.

COMPLETE SPECIFICATION : 11 PAGES

DRAWINGS: 02 SHEETS

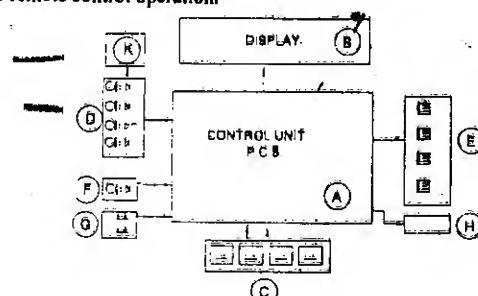


FIGURE NO.: 1

Ind. Cl. 'L.

: 161 D

INT. CL.

: E 01 C, 3/04

3/06

193810

TITLE

: A METHOD OF ROAD CONSTRUCTION BY STABILISING
THE GROUND.APPLICANT
&
INVENTOR: VLADIMIR RONIN,
A SWIDISH CITIZEN OF
SKOMAKARGATAN 46,
S-972 41 LULEA, SWEDEN.INTERNATIONAL
APPLICATION NO

: PCT/SE99/00954 DATED 02.06.1999

INDIAN
APPLICATION NO.

: IN/PCT/2000/00690/MUM DATED 01.12.2000

PRIORITY NO.

: 9802000-1 DATED 05.06.1998 OF SWEDEN

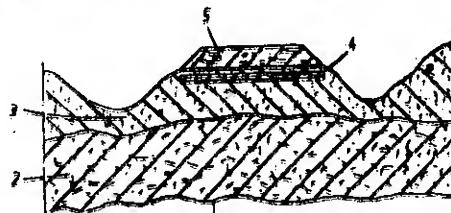
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS
RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

7. CLAIMS

A method of road construction by stabilizing the ground, where cement is blended with at least one of the material soil, clay or stone and possibly also water, characterized in that the cement mixture is made by thoroughly mixing cement with a microfill agent and possibly also a water reducing agent to obtain a highly-reactive and dry cement mixture; so that it obtains a one day compressive strength for a cement paste cube having a side length of 20 mm and having been compressed under vibration and cured at +20° C under closed conditions of at least 60 Mpa, said blend (4, 9) is spread on the ground (3, 8) to a thickness of at least 15-30 centimeters, the blend (4, 9) spread out on the ground is caused to contain sufficient cement mixture so that after compaction said blend will have a compressive strength of atleast 5 Mpa after 28 days. and in that a roadbed (5, 10) is laid on the blend (4, 9) subsequent to said blend having cured.

Comp. Specn. 14 pages;

Drawings - 1 Sheet.



Int. Cl.⁷ : H01 J 29/82 H01J 29/76 193811

Ind. Cl. :

Title : A DEFLECTION YOKE FOR A CATHODE RAY TUBE

Applicant : THOMSON TUBES AND DISPLAYS S.A. OF 9 PLACE DES VOSGES, LA DEFENSE 5, COURBEVOIE, FRANCE.

Inventor : 1. ALAIN DOSSOT
2. CHRISTOPHE MATHEY
3. ALAIN VOUGNY

Application no 393/CAL/97 FILED ON 05.03.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

16 CLAIMS.

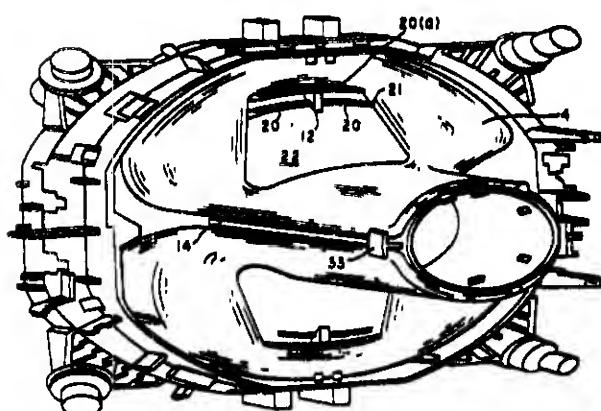
A deflection yoke for a cathode ray tube, comprising:

a pair of vertical deflection coils (4);

a pair of horizontal deflection coils (3), at least one pair of these two pairs being saddle shaped;

a rigid separator (2) insulating the two pairs of deflection Coils from each other;

a core (5) made of ferro magnetic material of substantially frustoconical shape arranged above at least part of the deflection coils characterized in that said rigid separator (2) comprises means (20,33) for positioning said coils of said one pair and for holding them in place against a body of said separator both on a front part (10) and on a rear part (11) of said one pair, said means forming an integral part of said body of said separator.



Complete Specification : pages.

Drawing : sheets

Int. Cl⁷ : B61L – 19/00 7/10 193812

Ind. Cl : 159E

Title : CIRCUIT FOR MONITORING LIGHT SIGNALS BY MEANS OF A SINGLE MONITOR

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333, MUENCHEN, GERMANY

Inventor : JOACHIM MEIER.

Application no 235/CAL/1997 FILED ON 11/2/1997
(CONVENTION NO. 19606896.7 FILED ON 13.2.1996 IN GERMANY.)

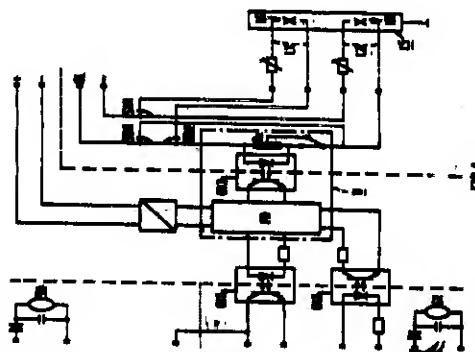
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

10 CLAIMS.

Circuit for monitoring light signals by means of a single monitor for a stop signal lamp and/or a proceed signal lamp, which monitor needs to be switched via contacts of two successively switching actuators in the forward and return lines of the signal lamp or lamps, in the stop signal circuit or proceed signal circuit, the monitor being subjected in each case upon the switching-off of a stop signal lamp or upon the

switching-on of a proceed signal lamp in a single-pole fashion to a drop-out test via the contacts of the successively switching actuators, in which drop-out test the contacts of the respectively initially switching actuator reverse the flow direction for the monitor in

Spreparation for switching on a proceed signal lamp, characterized in that at least the initially switchable actuator is designed as a control relay (SO) with non mechanically coupled changeover contacts (50/1, 50/2), of which a first changeover contact (SO/1) is used to 20 reverse the flow direction for the monitor (U) and of which a second changeover contact (SO/2), arranged between the first changeover contact (SO/1) and the monitor (U) in addition to the first changeover contact (SO/1) opens the relevant stop signal circuit upon the 5 switching-off of the stop signal lamp (LG) or upon switching-on the proceed signal lamp (ZG) in a single- pole fashion, and switches the relevant proceed signal circuit through in a single-pole fashion by switching a connection to the monitor.



Complete Specification : 14 pages. Drawing : 3 sheets

Int. Cl⁷ : B44 C 1/165, B44C 1/17 B42D 15/10 193813

Ind. Cl :

Title : A MULTI-LAYER MATERIAL SUCH AS A TRANSFER BAND AND METHOD FOR PRODUCING IT.

Applicant : GIESECKE & DEVRIENT GMBH OF PRINZREGENTENSTR. 159, D-81677, MUNCHEN, GERMANY.

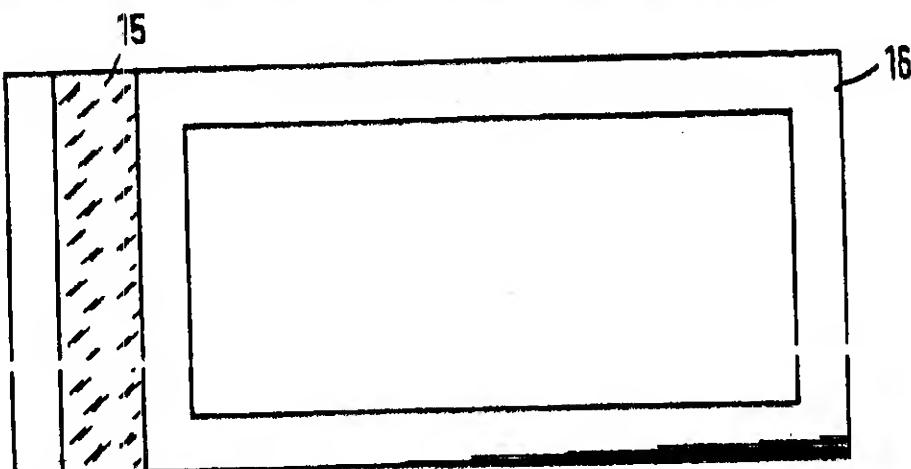
Inventor : 1. KAULE WITTICH.
2. GREGOR GRAUVOGL

Application no 1296/CAL/1996 FILED ON 16.7.1996
(CONVENTION NO, 195 29171.9 FILED ON 08./08/1995 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

16 CLAIMS.

A multilayer material, such as a transfer band, comprising a carrier band, such as herein described, and a uni- or multilayer transfer layer, such as herein described, characterised in that an intermediate layer consisting of a metal oxide or semiconductor oxide, such as herein described is disposed between said carrier band and said transfer layer.



Complete Specification : 12 pages.

Drawing : 1 sheets

Int. Cl⁷ : H04N 5/16 H04N 5/18 193814

Ind. Cl :

Title : AN APPARATUS FOR VIDEO SIGNAL CLAMPING AND A METHOD THEREOF

Applicant : THOMSON CONSUMER ELECTRONICS, INC OF 10330 NORTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46290-1024, USA

Inventor : MARK FRANCIS RUMREICH

Application no 2055/CAL/1996 FILED ON 28.11.1996
(CONVENTION NO. 579,723 FILED ON 28.12.1995 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

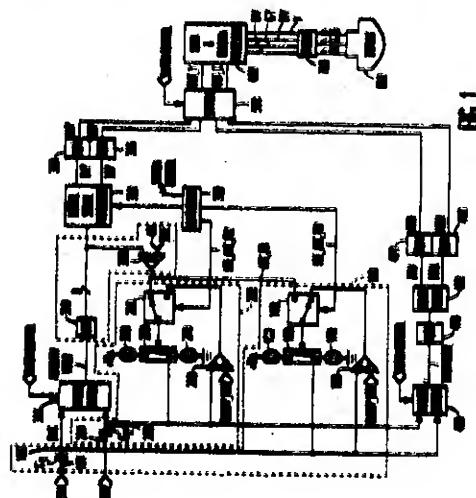
13 CLAIMS.

An apparatus for video signal clamping comprising : comparison means (120, 360) having an analog comparator means(120) for comparing a first signal to a first reference level and a digital comparator means(360) for comparing a second signal to a second reference level, said first signal being an analog signal, said second signal being a digital signal derived from said first signal;

adjusting means (150, 160,170) responsive to said analog comparator means (120) for adjusting said first signal such that during a first mode of operation said first signal is clamped to said first reference level, said adjusting means being responsive to said digital comparator means (360) during a second mode of operation such that said second signal is clamped to said second reference level; and

means (140, 350)for selecting between said first mode of operation and said second mode of operation for said adjusting means.

1/4



Complete Specification : 15 pages.

Drawing : 4 sheets

Int. Cl ⁷	:	G01G 11/0 G 01G 23/16	193815
Ind. Cl	:	206 E	
Title	:	CONTINUOUS WEIGHING METER	
Applicant	:	K-TRON TECHNOLOGIES, INC, OF ROUTES 55 & 553 PITMAN, NEW JETSEY 08071, USA	
Inventor	:	STEFAN LUDESCHER	
Application no		51/CAL/1998 FILED ON 12.01.1998	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

9 CLAIMS.

A continuous weighing meter for bulk materials (7) with zero point correction with a drive roller (2) driven by a motor (3), a guide roller (4) and a conveyor belt (1) running around them,

an input funnel (6) for the bulk material (7) to be weighed,

a first weighing arrangement (11) positioned after the input funnel (6) with a first force measuring cell (12) with an evaluation equipment (22),

at least one device for determining the running speed of the conveyor belt (1),

and a computer (25) with a central processing unit (30) and computing and control programs for the evaluation of all values arising to be determined and an input/output unit (32) and data lines to all measurement positions,

Characterized in that,

a second weighing arrangement (15) with a second force measuring cell (16) with an evaluation equipment (21) is present, however positioned before the input funnel (6) in the running direction of the conveyor belt (1) and thus determines the tare loading due to the empty conveyor belt(1),

in the computer (25) means are present to determine the loading of the bulk material (7) on the conveyor belt (1) from the weighing results of the first weighing arrangement (11) arid that of the second weighing arrangement (15).

193815

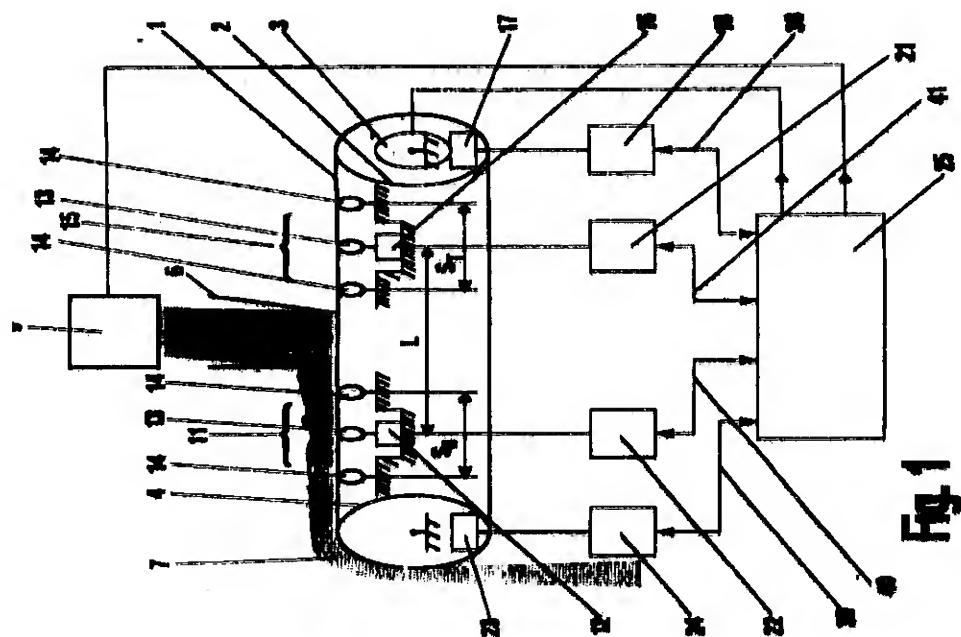


Fig. 1

Complete Specification : 13 pages. Drawing : 2 sheets

Int. Cl⁷ : D21R 1/10 193816

Ind. Cl : 145D XXIV (4)

Title : IMPROVED WOVEN FORMING FABRIC SCREEN FOR USE IN THE FORMING ZONE OF A PAER MAKING MACHNE

Applicant : SWIL LIMITED OF 27A CAMAC STREET, CALCUTTA - 700 016 WEST BENGAL, INDIA

Inventor : 1. SAMIR SARANGI
2. SNEHES DASGUPTA

Application no : 2191/CAL/1998 FILED ON 18.12.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

CLAIMS.

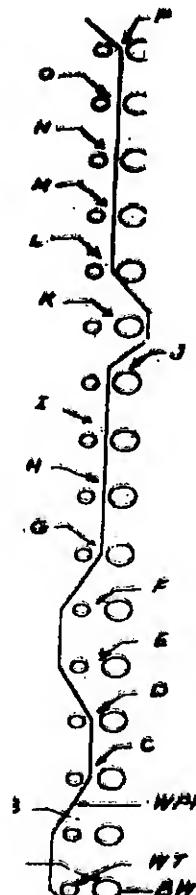
An improved woven forming fabric screen for use in the forming zone of a paper making machine, said fabric screen comprising a 16-shaft weave structure, wherein sixteen pairs (A-P) of weft threads extend in a cross-machine direction, each pair of weft threads having a top weft (WT) and a bottom weft (BWT) lying one above the other; and

warp threads (WP1-WP16) interweave each said pair of weft threads in a definite repeating pattern, and extend in a machine direction to form said 16-shaft double layer fabric forming screen, each said repeating pattern comprising a said warp thread (WP1) having a path passing successively

over two said pairs (A, B) of weft threads; then between the top and bottom wefts of two adjacent pairs (C, D) of weft threads; then over the next two adjacent pairs (E, F) of weft threads; then between the top and bottom wefts of the next four pairs (G-J) of weft threads;

then under one pair (K) of weft threads; and finally between the top and bottom wefts of the next five pairs (L-P) of weft threads, each warp thread in said pattern following the said path, but with a different pair of weft threads.

Complete Specification : 16 pages. Drawing : 4 sheets



Int. Cl⁷ : B01J 32/00 B01J 35/04 F16S 1/04 193817

Ind. Cl : 40A

Title : AN IMPROVED HONEYCOMB, IN PARTICULAR CATALYTIC CONVERTER CARRIER BODY

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, D-53797, LOHMAR, GERMANY

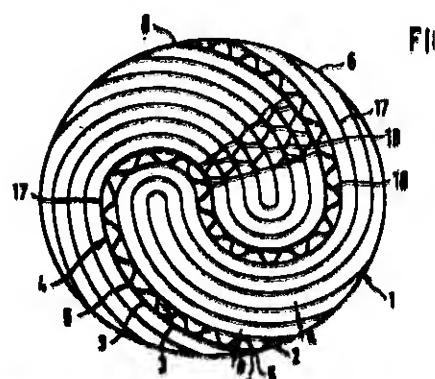
Inventor : WOLFGANG HANS

Application no 142/CAL/1998 FILED ON 28.01.1998
(CONVENTION NO. 197041299 FILED ON 04.02.1997 FILED ON GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

9 CLAIMS.

An improved honey comb body (1,21) in particular a catalytic converter carrier body, comprising metal sheet layers (17, 18) being at least one of stacked and at least one of wound sheet layers, at least a portion of said stacked and wound metal sheet layers (17, 18) consisting of a structured metal sheet layers (18) having passage wall surfaces such that a passages (9) for flowing a fluid being formed, some of the metal sheet layers (17,18) comprising a metal sheet layer (2) of a first thickness (a) and others of said metal sheet layers (17, 18) comprising a metal sheet layer (3) of a second thickness (b) being greater than said first thickness (a), characterized in that a lattice-like structure (4, 14) being formed in an interior of said honeycomb body (1, 21) from at least two of said metal sheet layers (17, 18) of said second thickness (b) of which at least one being a structured metal sheet layer (18), and in that said at least two metal sheet layers (17, 18) being connected together at least in a location-wise manner by a procedure using intimate joining of materials involved, a larger portion of said passage wall surfaces in said interior being formed by said metal sheet layers (2) of said first thickness (a) than by said metal sheet layers (3) of said second thickness (b), said first thickness (a) being between 15 jun to 50 jun.



Int. Cl⁷ : C23C 8/20 193818

Ind. Cl :

Title : A METHOD AND APPARATUS FOR CONTROLLING AN ATMOSPHERE IN A HEAT TREATMENT FURNACE.

Applicant : DOWA MINING CO. LTD. OF 8-2 MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN

Inventor : 1. TAKESHI NAITO. 2. KOUICHI OGIHARA
3. AKIHIRO WAKATSUKI. 4. TADANORI NAKAHIRO
5. HIDEKI INOUE. 6. YOSHIO NAKASHIMA

Application no 222/CAL/1998 FILED ON 01.02.1998
(CONVENTION NO. 48,597/97 FILED ON 18.2.1997 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

8 CLAIMS.

A method of controlling an atmosphere in a heat treatment furnace comprising the steps of

Carrying out a carburizing while supplying a hydrocarbon series gas and an oxidization gas such as herein described, into a furnace, and

Stopping the supply of the hydrocarbon series gas when the quantity of a residual CH₄ in the furnace is changed to increasing from decreasing.

Complete Specification : 15 pages.

Drawing : 2 sheets

Int. Cl⁷ : H01B 19/04 17/50 193819

Ind. Cl : 48C

Title : PORCELAIN INSULATOR AND METHOD OF MANUFACTURING THE SAME

Applicant : NGK INSULATORS,LTDW OF 2-56 SUDA-CHO, MIZUHO-KU NAGOYA CITY, AICHI PREF. JAPAN

Inventor : 1. KUMEO HIRAMITSU
2. OSAMU IMAI
3. TOKYNORI IKARI.

Application no. 154/CAL/2000 FILED ON 14.3.2000
(CONVENTION NO. 11-78837 FILED ON 24.3.1999 IN JAPAN.)

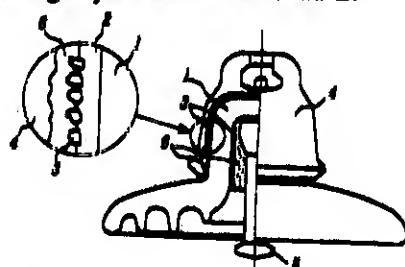
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

5 CLAIMS.

A porcelain Insulator, comprising:

A porcelain insulator main body; and

A coaling layer formed on a surface of the porcelain insulator main body, characterized in that said coating layer is obtained by firing coating materials including 100 parts by weight of porcelain raw materials made of 50-80 wt% of SiO₂, 20-30 wt% of Al₂O₃ and a remainder of MgO, CaO, K₂O, Na₂O, and 3-10 parts by weight of the materials of high dielectric constant having a relative dielectric constant larger than 10, and is made of porcelain raw materials including mainly materials of high dielectric constant and having a relative dielectric constant larger than 4, Wherein a ration between maximum value and minimum value of relative dielectric constants at micro portions in the coating layer along a thickness direction of the coating layer Is smaller than 2.



Complete Specification : 15 pages. Drawing : 3 sheets

Int. Cl⁷ : B25B 13/46 193820

Ind. Cl : 95F

Title : POWER TOOL

Applicant : JOHN KURT JUNKERS, OF 8 STONEWALL ROAD, SADDLE RIVER, NEW JETSERY 074458 USA

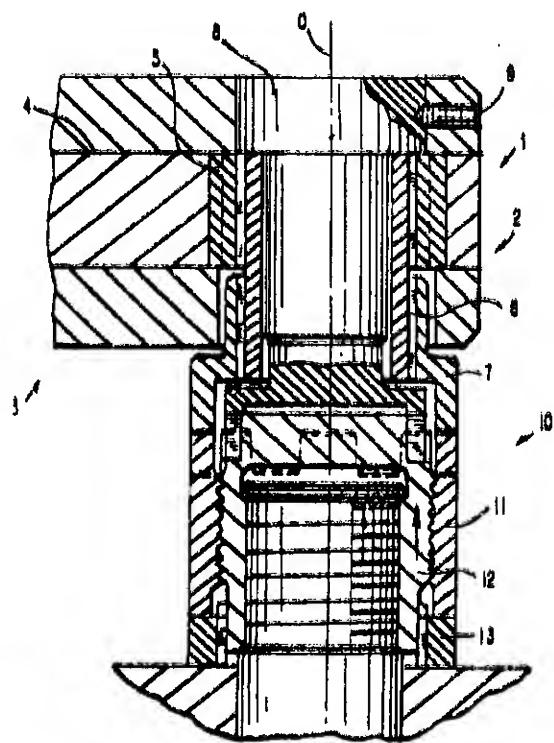
Inventor : JOHN KURT JUNKERS

Application no 524/CAL/1997 FILED ON 3.6.1999
(CONVENTION NO. 09/106,591 FILED ON 29.6.1998 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

5 CLAIMS.

A power tool, comprising a tool part having an axis and two interacting tool portions which are coaxial with said axis, said interacting tool portions comprising a driving portion turnable in one direction at a given force and a housing portion turnable in an opposite direction at a same given force; a sleeve part comprising an inner sleeve and an outer sleeve connected with said inner sleeve by a thread and turnable relative to said inner sleeve around said axis; a friction ring axially immovably connected with said inner sleeve, said outer sleeve being turnable on said friction ring and thereby said inner sleeve connected by said thread with said outer sleeve being movable axially and displacing axially a threaded connector engageable by said inner sleeve; a first connecting element for connecting said driving portion with said outer sleeve and transmitting the given force from said driving portion to said outer sleeve; and a second connecting element for connecting said housing portion with said inner sleeve and transmitting the given force from said housing portion to said inner sleeve to provide said axial displacement of said inner sleeve relative to at least one of said interacting tool portions, characterized in that a ring shaped member which is separate from said driving portion of said tool part and said outer sleeve of said sleeve part is located between said driving portion of said tool part and said outer sleeve of said sleeve part, said ring-shaped member being connected with said driving portion of said tool part and also connected with said first connecting element so as to transmit the driving force from said driving portion of said tool part to said first connecting element and thereafter to said outer sleeve of said sleeve part.



193820

*Complete Specification : 12 pages.**Drawing : 3 sheets*

Int. Cl ⁷	: F24F 9/00, 13/062 F25D, 17/08	193821
Ind. Cl	: 50B, 50 E ₂ , 50 F	
Title	A REFRIGERATOR IN WHICH AIR CURTAINS ARE FORMED	
Applicant	DAEWOO ELECTRONICS CORPORATION OF 686 AHYEON-DONG, MAPO-GU, SEOUL, KOREA	
Inventor	CHOI, YOUNG-HOUN	
Application no	922/CAL/1997 FILED ON 23.05.1997	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

16 CLAIMS.

A refrigerator in which air curtains are formed comprising:
a freezing room (100)

a refrigerating room (200)

evaporator (20) for producing cool air;

circulating means for circulating the cool air in said freezing room (100) and said refrigerating room (200), having a feeding duct provided with at least one feeding port, a suction duct (47) provided with at least one suction port which is formed at a rear side of the refrigerating room and a fan member; and

generating means for generating an air curtain in said refrigerating room(200),

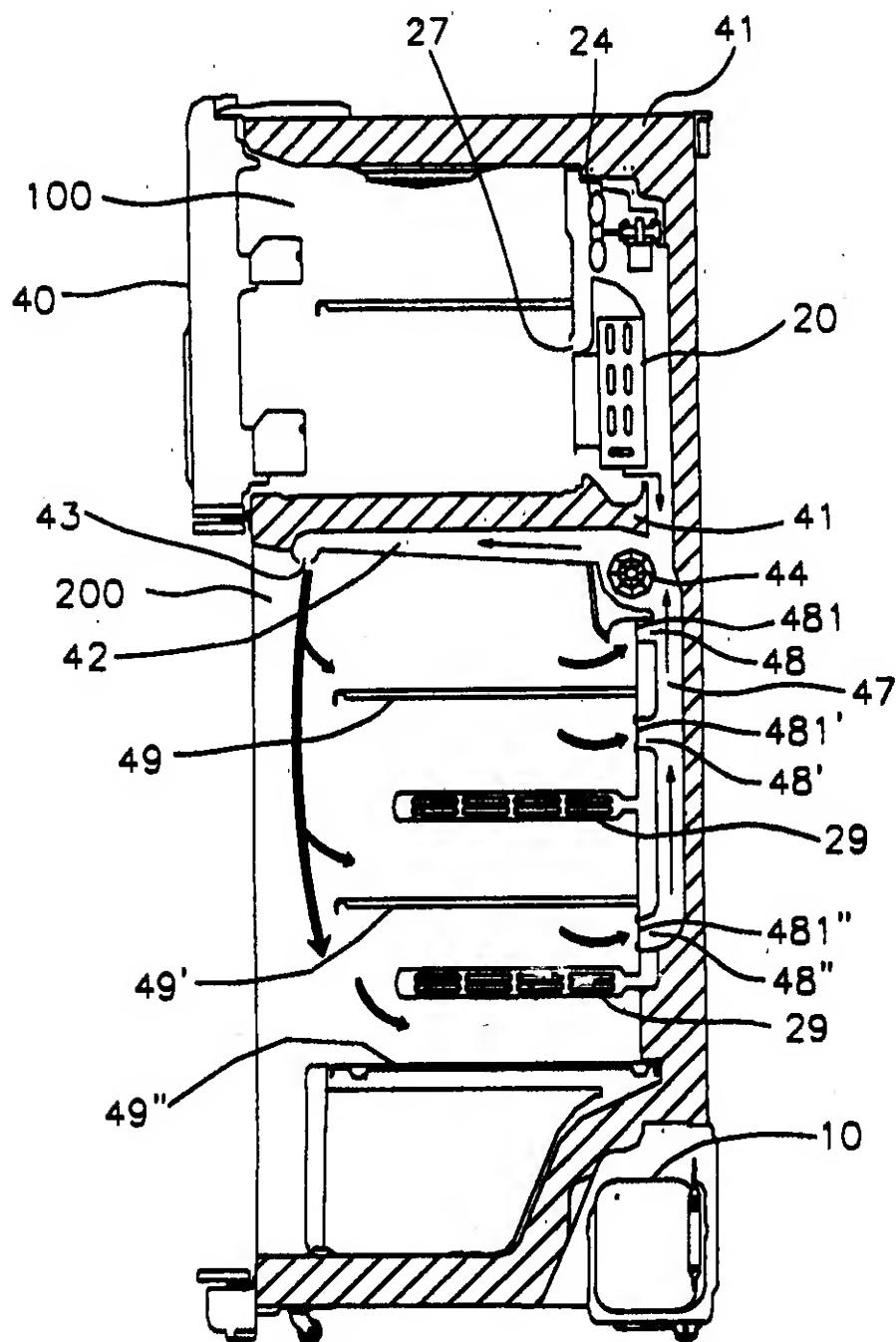
said generating means comprising:

asupply duct(42) for the air curtain, having a supply port (43) installed adjacent to a door of said refrigerating room (200) to downwardly inject air flows for the air curtain therethrough, being installed at an uppermost portion within said refrigerating room (200) to extend from a rear portion of said refrigerating room (200) to a front portion thereof, and being communicated with the said suction duct (47) the supply port (43) being of a slit shape extending

along a width direction of the refrigerating room(200) ; and a fan member (44) for the air curtain, installed within

said supply duct (42) to generate the air flows and being operated to be driven at the time of opening of said door and stop at the time of closing of said door,

wherein said injected air flows for the air curtain are sucked through said suction port and said suction duct (47)



Complete Specification : 22 pages.

Drawing : 5 sheets

Int. Cl⁷ : A61P 1/362,365 193822

Ind. Cl : 128 (XX)- E

Title : CARDIAC OUTPUT ENHANCED PACEMAKER

Applicant : IMPULSE DYNAMICS N.V OF 3L.B SMITHPLEIN , P.O BOX 6, CURACAO NETHERLANDS ANTILLES.

Inventor : 1. SHLOMO BEN-HAIM.
2. DARVISH NISSIM
3. FENSTER MAIER.
4. MIKA YUVAL

Application no 2184/CAL/1997 FILED ON 19.11.1997

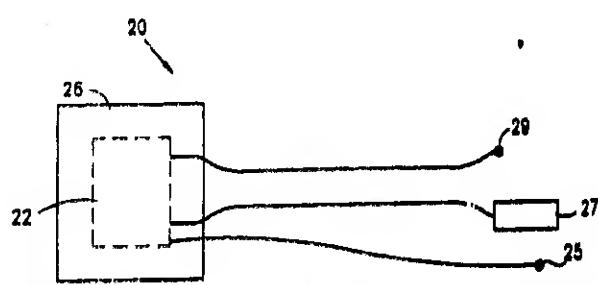
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

27 CLAIMS.

Apparatus for heart pacing with cardiac output modification, characterised by comprising:

at least one electrode (27, 29), which applies electrical signals to cardiac muscle segments; and

signal generation circuitry (22), which applies an excitatory electric pulse (60) to a least one (29) of the at least one electrodes (21, 29) to pace the heart; and determines the magnitude and timing and creates a non-excitatory stimulation pulse (51), which is unable to generate a propagating action potential and which is applied to at least one (27) of the at least one electrodes (27, 29) to modify the cardiac output.



Complete Specification : 22 pages.

Drawing : 52 sheets

Int. Cl⁷ : B23B 51/02 193823

Ind. Cl : 129G

Title : CUTTING TOOL ASSEMBLY

Applicant : ISCAR LTD, OF PO BOX 11, MIGDAL TEFEN 24959, ISREAL

Inventor : GIL HECHT

Application no 1569/CAL/1997 FILED ON 26.8.1997
(CONVENTION NO. 120948 FILED ON 29.5.1997 IN ISREAL.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003): PATENT OFFICE KOLKATA.

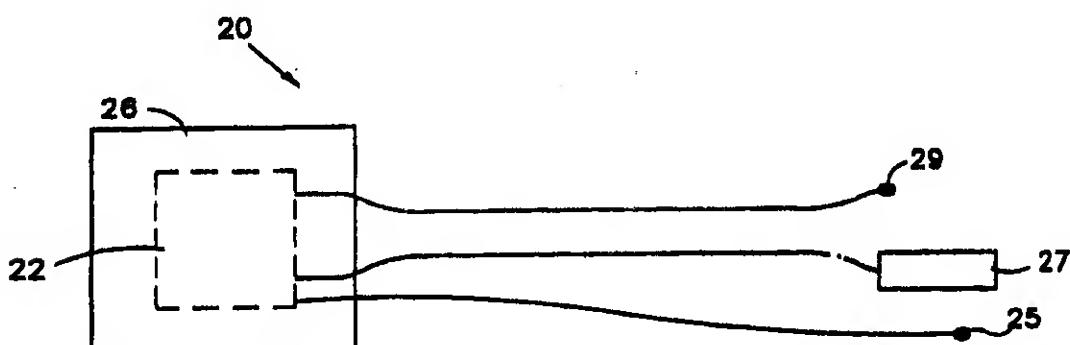
25 CLAIMS.

Apparatus for heart pacing with cardiac output modification, characterised by comprising:

at least one electrode (27, 29), which applies electrical signals to cardiac muscle segments; and

signal generation circuitry (22), which applies an excitatory electric pulse (60) to a least one (29) of the at least one electrodes (21, 29) to pace the heart; and

determines the magnitude and timing and creates a non-excitatory stimulation pulse (51), which is unable to generate a propagating action potential and which is applied to at least one (27) of the at least one electrodes (27, 29) to modify the cardiac output.



Int. Cl ⁷	:	B22D 11/10, 11/06	193824
Ind. Cl	:	33A	
Title	:	A METHOD FOR REDUCING WEAR OF PLATES IN THE CONTINUOUS CASTING OF THIN METAL PRODUCTS AND AN APPARATUS FOR THE CONTINUOUS CASTING OF THIN METAL PRODUCTS	
Applicant	:	ACCIAI SPECIALI TERNI S.P.A OF VLEB BRIN 218, 05100, TERNI, ITALY. AND VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO. OF TURNMSTRABE 44, A-4020 LINZ, AUSTRIA.	
Inventor	:	1. ROMEO CAPOTOSTI. 2. RICCARDO TONELLI. 3. PIETRO TOLVE.	

Application no 1321/CAL/1997 FILED ON 14.7.1997
(CONVENTION NO.RM96A-000506 FILED ON 16.7.1996 IN ITALY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

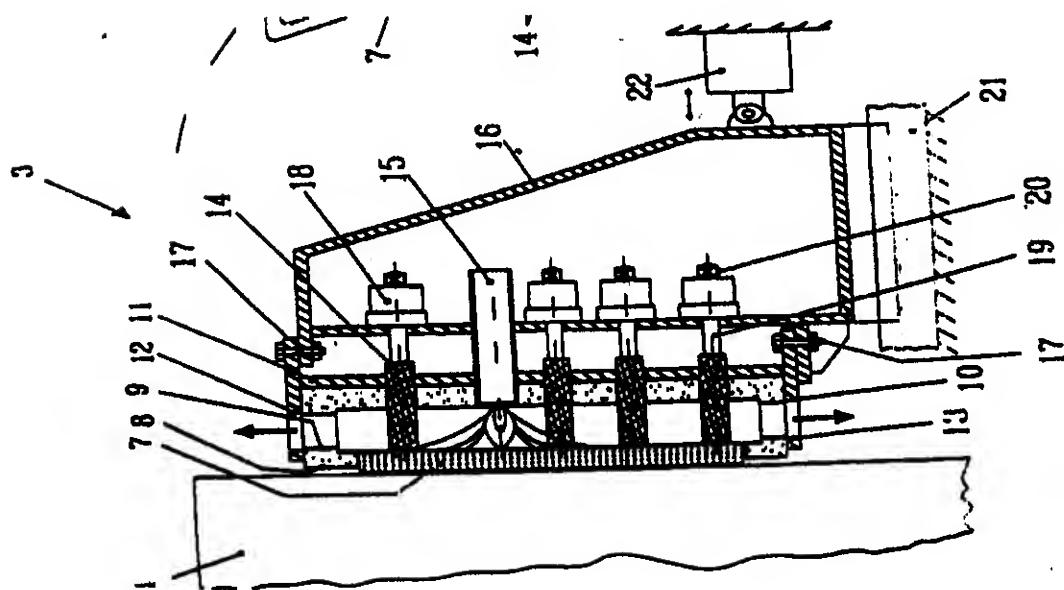
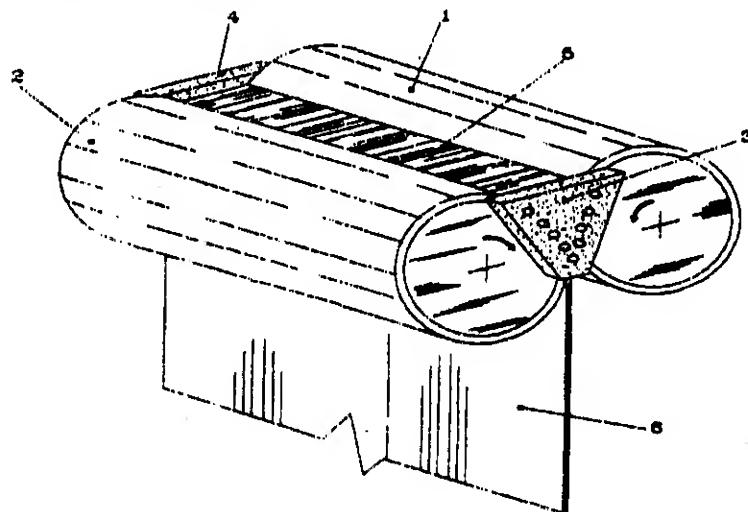
10 CLAIMS.

A method for reducing the wear of plates in the continuous casting of thin metal products, comprising the steps of pre-heating at least one pair of refractory plates (7) for the lateral containment of a bath of molten metal constituted of a pair of counter-rotating rolls (1, 2) and extending parallel to each other and spaced apart by an amount greater than the sum of their radii and corresponding to the thickness of the metal product, and of abutment of said at least one pair of plates (7) towards each lateral surface of the ends of said pair of rolls (1, 2), characterized in that it comprises the following steps

applying by means of thrust means and heating means a controlled elastic or elastic/plastic deformation to said at least one pair of plates (7) in correspondence with the contact arc between the surface of the plates (7) and the peripheral portion of the ends of said rolls (1, 2), on the basis of data collected in advance and processed by means of a mathematical model representative of the behaviour of plates and rolls,

with the same chemical- physical and dimensional characteristics of those utilized in the same experimental conditions and

controlling by means of said thrust means and heating means said elastic and/or elastic-plastic deformation of said at least one pair of plates (7) during the whole casting process, so as to render minimum the surface wear of the plates (7) and of the ends of the rolls (1, 2), and to maintain a distance between said rolls (1, 2) and said plates (7) lower than a predetermined value and for rendering minimum the occurrence of leaks of molten metal between said plates (7) and said end parts of said rolls (1, 2).



Complete Specification : 10. pages.

Drawing : 2 sheets

Int. Cl. ⁷	:	H03M—7/00	193825
Ind. Cl.	:	206G	
Title	:	APPARATUS FOR ENCODING INITIAL VERTICES OF A PLURAL NUMBER OF CONTOURS WITHIN AN IMAGE FRAME.	
Applicant	:	DAEWOO ELECTRONICS CORPORATION, OF 686 AHYEONDONG, MAPO-GU, SEOUL KOREA.	
Inventor	:	KIM JIN-HUN	

Application No. 1087/CAL/1997 FILED ON 10.6.1997

(CONVENTION NO. 97-1560 FILED ON 21.1.1997 IN SOUTH KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENT RULES, 2003), PATENT OFFICE, KOLKATA.

5 CLAIMS.

An apparatus for encoding initial vertices of a plural number of contours within frame of an input image signal, wherein the initial vertex is one of a set of

vertices representing a contour, comprising

first comparison block (154) for comparing number of initial vertices with a predetermined number;

switch (152) for switching the initial vertices based on the comparison result which informs if the number of the initial vertices is smaller than the predetermined number or not;

absolute address coding block (156) for encoding absolute addresses of the initial vertices if the number of initial vertices is smaller than the predetermined number;

dynamic range calculation block (160) for calculating a horizontal and vertical dynamic ranges of the frame;

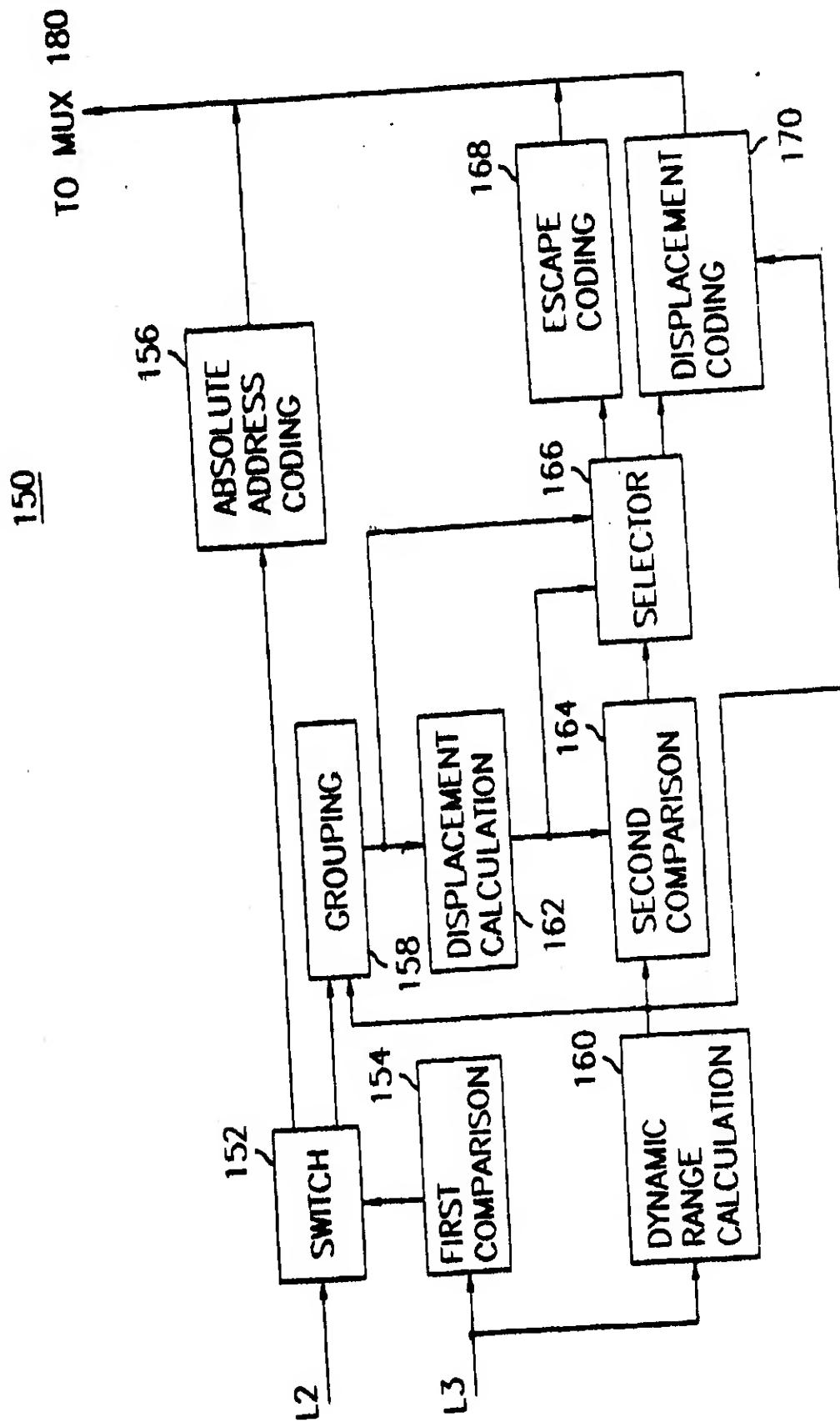
grouping block (158) for obtaining a dynamic region of each initial vertex to thereby group the initial vertices having overlapping or contiguous dynamic regions together and for providing the initial vertices one at a time in a group and on a group-by-group basis;

second comparison block (164) and selector (166) for determining if the initial vertex is in a different group from the immediately preceding one or not;

escape coding block (168) for escape coding the initial vertex if the initial vertex is in the different group from the immediately preceding one;

displacement calculation block (162) and displacement coding block (170) for coding the displacement of the initial vertex from the immediately preceding initial vertex if the initial vertex is in a same group as the immediately preceding one; and

multiplexor (180) for rendering the escape coded initial vertices and the displacement coded initial vertices as encoded initial vertex data.



Int. Cl⁷ : B61L- 19/00 7/08 193826

Ind. Cl : 159 E

Title : CIRCUIT FOR CONTROLLING AND MONITORING RAILWAY SWITCH MECHANISM

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATS 2, 80333, MUNCHEN, GERMANY

Inventor : JURGEN KLAUS.

Application no 236/CAL/1997 FILED ON 11.02.1997
 (CONVENTION NO. 19606895.9 FILED ON 13.2.1996 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

15 CLAIMS.

1. Circuit for controlling and monitoring railway switch mechanisms using switching means, which can be set such that they interact, in the supply lines to preset the respective running direction of the drive, and having circuit breaking means, which are connected in series with them, in all the supply lines to switch the actuating current on and off, and having DC monitoring, which assesses the switch position of drive contacts, in order to identify the respective drive position, characterized

in that, to identify the respective drive positions two sensors (M1, M2) are provided which respond to different potentials, are monitored jointly and are at a common reference-earth potential for the sensors and the actuating current supply,

in that two DC sources (U3, U4) are provided for supplying the sensors, one (U3) of which is connected to one pole (-) and the other of which (U4) is connected to the other pole (+) on the common reference-earth potential of the sensors, and

in that the respectively other poles of the two DC sources and of the two sensors are routed indirectly via supply lines, through which current passes when the drive is moving, to the drive contacts (AK1 to AK4), the two sensors in each case being connected between one or the other drive contact pair (AK2, AK4 or AK1, AK3, respectively) which can be moved jointly while the drive is moving and are in each case adjacent, and the two DC sources in each case being connected between the one or the other drive contact pair (AK4, AK3 or AK2, AK1, respectively) which can be moved successively while the drive is moving and are in each case adjacent,

in that the circuit is split into an actuating current section (SB), which accommodates at least the switching means (R1/1, L1/1, R2/1, L2/1) for presetting the respective running direction and the circuit breaking means (U11/1, H12/1, H21/1, H22/1), and into a monitoring

section (UB) which accommodates at least the sensors (M1, M2), the inputs and outputs of which sections are routed independently of one another out of an actuating section module (SM) which contains both circuit sections, and in that the outputs of the two circuit sections are connected by switching links (B1 to B6) in order to produce the abovementioned relationships between the actuating and monitoring function for all drive modes which arise.

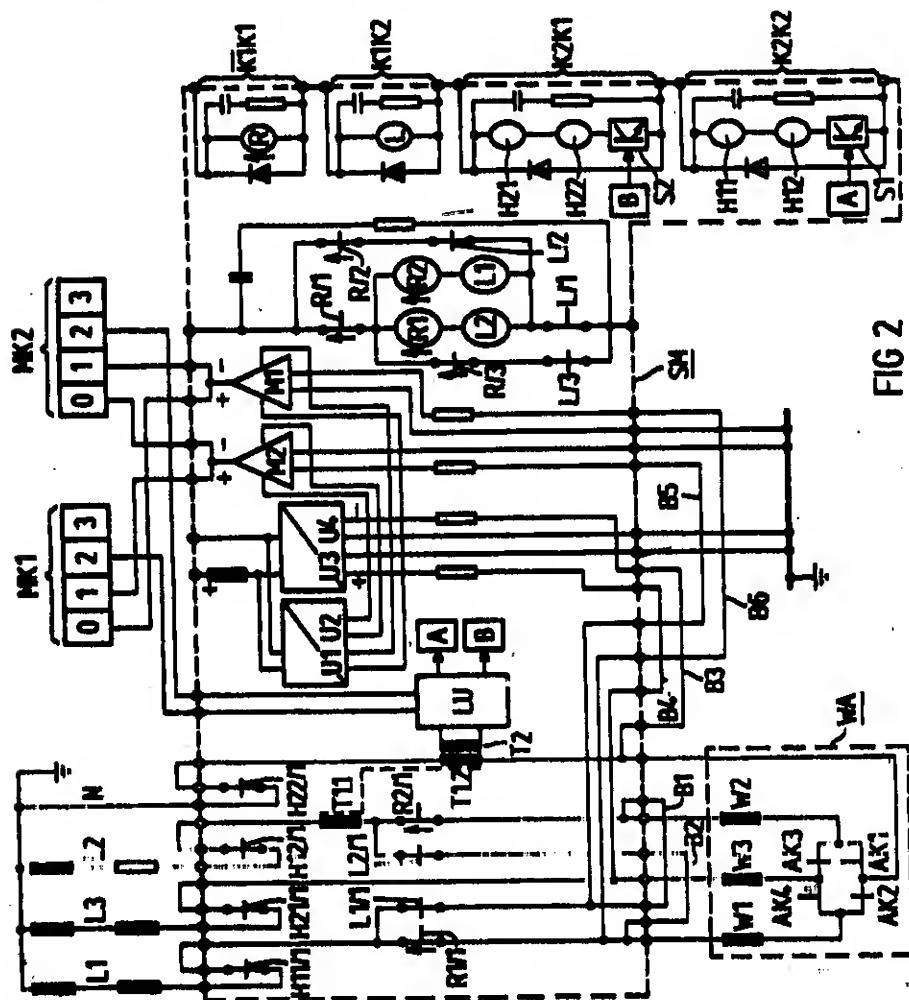


FIG 2

Complete Specification : 23 pages.

Drawing : 5 sheets

Int. Cl⁷ : H01Q 1/32 192827
 Ind. Cl : 206A
 Title : A SMALL ANTENNA FOR PORTABLE RADIO EQUIPMENT DEVICE
 Applicant : SAMSUNG ELECTRONICS CO.LTD OF 416, MAETAN-DONG PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA.
 Inventor : 1. ALEXANDRE V. GUDILEV,
 2. DONG-IN HA
 3. SANG-KBUN BAK

Application no 1155/CAL/1997 FILED ON 18.06.1997
 (CONVENTION NO. 05.11.1996 FILED ON 05.11.1996 IN KOREA.)

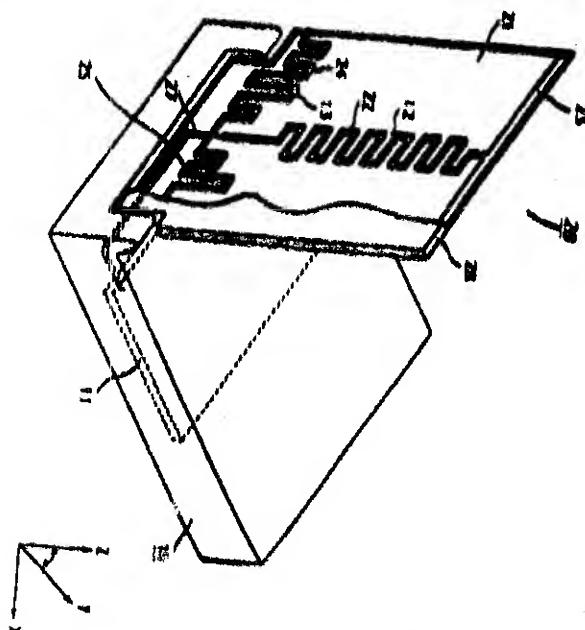
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

CLAIMS.

A small antenna (20) for portable radio equipment device (10) comprising :

A loaded monopole radiator (12) comprising a first conductor (23) having a given length horizontal to a printed circuit substrate (11,21) and a second conductor (22) having a meander line shape and installed vertical to said first conductor (23); and

A ground radiator (13) comprising separately a first ground radiator (24) and a second ground radiator (25) at a lower portion of said printed circuit substrate (21), said first and second grounds (24,25) being symmetrical to said second conductor (22).



Int. Cl' : B01D 27/14, B01D 36/00 193828
 Ind. Cl : B01/80K
 Title : FUEL FILTER, IN PARTICULAR FOR DIESEL FUEL
 Applicant : UFI FILTERS S.P.A OF VIA EUROPA, 25, 46047 PORTO MANTOVANO, ITALY
 Inventor : GIOGIO GIRONDI

Application no 1084/CAL/1997 FILED ON 09.06.1997
 (CONVENTION NO. RE96A000056 FILED ON 25.07.1996 IN ITALY.)

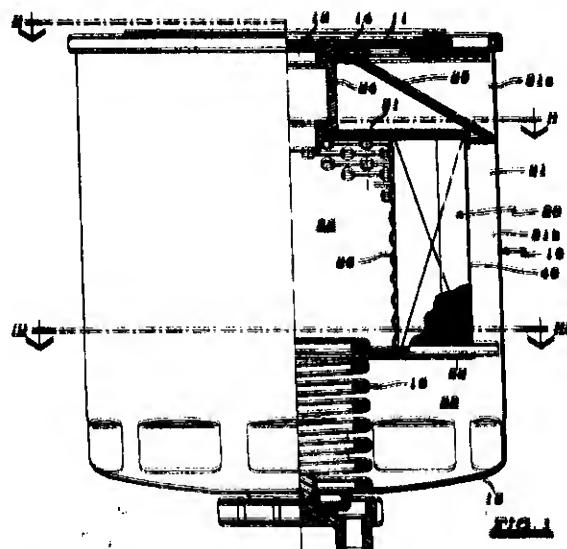
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

10 CLAIMS.

A fuel filter, in particular for diesel fuel, comprising :

A first chamber (31) communicating with the fuel inlet of said fuel filter, a second chamber (32), downstream of the first chamber (31), into which the filtered fuel enters and which communicates with the outlet (12) of the fuel filter, a filter medium (20) for filtering off the impurities, which separates the second chamber (32) from the first chamber (31) and

A third chamber (33) in which the fuel portion repelled by the filter medium (20) collects characterised by a mesh surface (40) separating the second chamber (32) from the first chamber (31) and coated with a substance such as poly-tetra-fluoro-ethylene(PTFE) or silicone, said mesh surface having passage pores of diameter not greater than 200 microns to intercept the water parts present in the fuel.



Complete Specification : 9 pages. Drawing : 2 sheets

Int. Cl ⁷	:	H04N- 7/32	193829
Ind. Cl	:	206 B	
Title	:	AN APPARATUS FOR CODING AN INTERLACED BINARY SHAPE SIGNAL.	
Applicant	:	DAEWOO ELECTRONICS CORPORATION OF 686 AHYEON-DONG, MAPO-GU, SEOUL KOREA.	
Inventor	:	CHO SUNG-RYUL	
Application no		2279/CAL/1997	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

8 CLAIMS.

An apparatus for coding an interlaced binary shape signal, wherein the binary shape signal includes a plurality of pictures and each picture is divided into a multiplicity of blocks of $M \times N$ pixels having one of a first and a second binary values, the target block representing one of the blocks of a current picture to be encoded and M and N being positive integers, respectively, said apparatus comprising:

a field BAB mode detection block (10), responsive to the target block, for generating first indication signals of a type 1 and a type 2 if errors of the target block with respect to a first and a second reference blocks are not greater than a predetermined threshold, respectively, the respective reference blocks having $M \times N$ pixels and all pixels of the first and the second reference blocks being of the first and the second binary values, respectively;

a field reconstruction unit (70) for reconstructing an encoded binary shape signal, thereby generating and storing the reconstructed binary shape signal, wherein the reconstructed binary shape signal includes previously encoded pictures;

a motion estimation and compensation unit (30) for motion estimating the target block with respect to the reconstructed binary shape signal corresponding to one or more previous pictures of the current picture to thereby generate

motion vector information and a motion compensated block, the motion vector

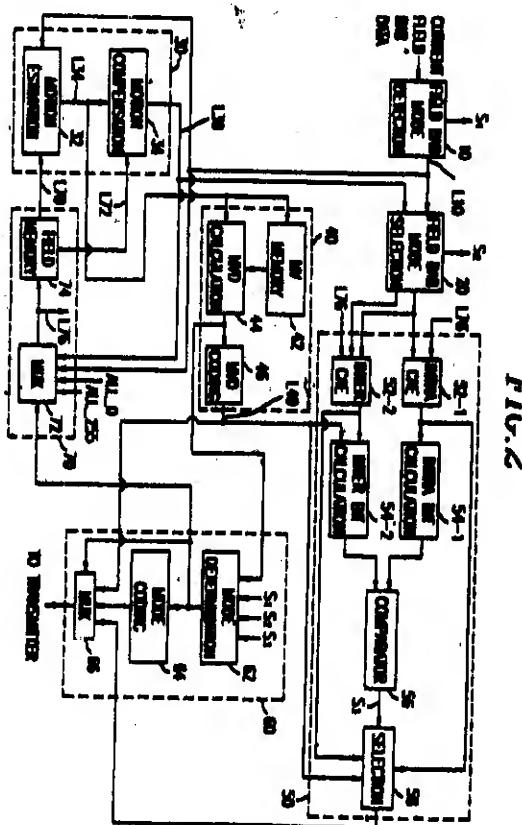
information including a motion vector and the motion compensated block including a most similar block of the target block;

a field BAB mode selection block (20) for calculating a motion compensation error (MCE) between the target block and the most similar block and generating a second indication signal if the MCE is not greater than the threshold;

motion vector difference (MVD) determination unit (40) for calculating a MVD between the motion vector and its predictor and encoding the MW) to generate encoded MVD data;

a context based arithmetic encoding (CAE) unit (50), responsive to the target block, the motion compensated block and the reconstructed binary shape signal, for intra- and inter-coding the target block to generate intra- and inter-coded data, respectively, thereby selecting either one of the intra- and the inter-coded data based on the numbers of bits of the intra- and inter-coded data and providing a third indication signal of a type 3 if the intra-coded data is selected and a third indication signal of a type 4 if the inter-coded data is selected; and

aformatting unit (60), responsive to the MVD, the encoded MVD data, the coded data and the indication signals, for determining a mode of the target block and generating encoded target block data based on the determined mode.



Complete Specification : 31 pages.

Drawing : 6 sheets

Int. Cl ⁷	: G06F 9/06, G06F 9/40	193830
Ind. Cl	: 206 E	
Title	APPARATUS FOR PROCESSING A DIGITAL DATA STREAM	
Applicant	CANAL+SOCIETE ANONYME OF 85/89 QUAI ANDRE CITROEN 75711, PARIS CEDEX 15 FRANCE	
Inventor	1. JEAN CLAUDE SARFATI. 2. JEROME MERIC	

Application no 1538/CAL/1997 FILED ON 20.8.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

27 CLAIMS.

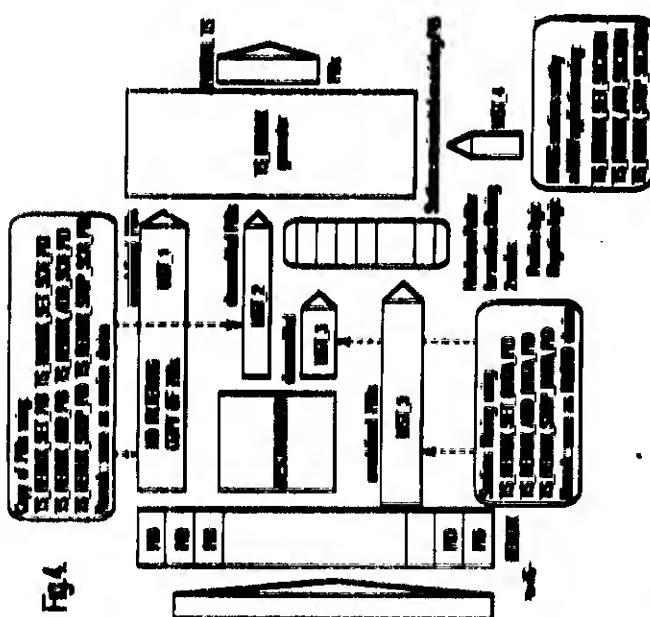
Apparatus for processing a digital data stream comprising :

Means for receiving a digital data stream comprising a plurality of packets of information ;

Means for storing a list of specified packets to be selected from the received digital data stream;

Means for extracting packets or sections specified in said list from the received data stream and

Means for combining or processing the extracted packets or sections to produce an output data stream.



Ind.Cl.:32 B

193831

Int.Cl⁷:C 07 C 7/14 ; C 07 C 7/12 ; C 07 C 5/22

**"A PROCESS FOR SEPARATING AND RECOVERING PARAXYLENE
FROM A CHARGE OPTIONALLY CONTAINING METAXYLENE"**

Applicant: M/S. INSTITUT FRANCAIS DU PETROLE
A FRENCH COMPANY
OF 4 AVENUE DE BOIS PREAU,
92502 RUEIL MALMAISON
FRANCE

Inventors: 1. HORTER Gerard
2. MIKITENKO Paul
3. MacPHERSON Stuart R

Application No: 1741/MAS/1995 filed on 28th DEC 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, -2003);
Patent Office, Chennai Branch.

43 Claims

A process for separating and recovering paraxylene from a charge optionally containing metaxylene, by several operations including an enrichment operation by selective adsorption on an adsorbent in a simulated moving bed, and a purification operation by crystallisation, conducting in combination the selective adsorption operation and the crystallisation operation, and subjecting at least a portion of the charge and/or the mother liquor resulting from said crystallisation operation to a clay treatment operation, said clay being selected from the group of the natural aluminosilicates activated by acids, the temperature being 100 to 300°C, the pressure being 3 to 100 bars and the hourly space velocity being 1 to 8.

Ind.Cl.:32 B

193832

Int.Cl?:C 07 C 7/14

"A PROCESS FOR THE PRODUCTION OF PARAXYLENE OF HIGH PURITY"

Applicant: INSTITUT FRANCAIS DU PETROLE,
A FRENCH COMPANY,
4, AVENUE DE BOIS PREAU,
92502, RUEIL MALMAISON,
FRANCE

Inventors: 1. MIKITENKO PAUL
2. MACPHERSON STUART .R

Application No:1724/MAS/1995 filed on 27th December 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

30 Claims

A process for the production of paraxylene of high purity from a charge containing a mixture of aromatic hydrocarbons having 7 to 9 carbon atoms, comprising circulating at least a portion of the charge in an enrichment zone to produce a first fraction with paraxylene, purifying at least a portion of said first fraction in a purification zone by at least one crystallization in at least one crystallization zone, said crystallization zone comprising at least two crystallization stages at a temperature between +50 and -22°F, and recovering paraxylene crystals from each crystallization stage.

Reference to : US 5284992, 2866833, 5329061

Comp.Specn. 44 Pages; Drgs 06 Sheets.

Ind.Cl.:108

193833

Int.Cl⁷:C 21 B 11/00, C 21 B 13/08**" A METHOD FOR PRODUCING METALLIC IRON"**

Applicant: KABUSHIKI KIASHA KOBE SEIKO SHO, also known as KOBE STEEL, LTD. OF A JAPANESE CORPORATION,
3 - 18 WAKINOHAMA - CHO, 1 - CHOME, CHUO - KU, KOBE 651,
JAPAN

Inventors: 1. TAKUYA NEGAMI 4. TOSHIJI IDE MATSUMURA
2. KAZUO KUNII 5. YOSHIMICHI TAKENAKA
3. ISAO KOBAYASHI 6. MASATAKA SHIMIZU
7. SHINICHI INABA

Application No 1006/MAS/1996 filed on 10th June 1996

Convention No.8 - 59801 on, 15th March 1996 In JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

17 Claims

A method for producing metallic iron comprising heating a first compact, thereby forming a reduced compact; wherein said first compact comprises

- (i) iron oxide, and
- (ii) a carbonaceous reducing agent; and said reduced compact comprises
- (iii) a shell, comprising metallic iron and
- (iv) molten slag, inside said shell wherein the heating is at temperature such that the iron oxide is reduced to metallic iron, wherein said heating is performed at an ultimate temperature of from 1350-1540°C.

Comp.Specn. 35 Pages; Drgs .06 Sheets.

Ind.Cl.(29)

193834

Int.Cl⁷:G11B5/54

A DUAL LATCH APPARATUS

Applicant: M/S HITACHI GLOBAL STORAGE TECHNOLOGIES
NETHERLANDS BV.,
OF LOCATELLIKADE 1, PARNASSIUSTORGEN
1076 A Z AMSTERDAM, A CORPORATION
ORGANIZED UNDER THE LAW OF THE NETHERLANDS
THE NETHERLANDS.

Inventors: IZINE EDDINE BOUTAGHOU.

Application No267/MAS/96 filed on 19 FEB 1996

Convention No.08/473,201 on, 7TH JUNE 1995 in USN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

17 Claims

A dual latch apparatus for restraining a direct access storage device actuator rotatably mounted to a housing to prevent unintended contact between the actuator and a data storage disk disposed within the housing, the said dual latch apparatus comprising: a first latch assembly, a latch body rotatably mounted to the housing a restraining member, coupled to the latch body, for restraining the actuator in a first engaged orientation in response to an external shock force applied to the housing; and bias means, coupled to the latch body, for biasing the restraining member in a first non-engaged orientation with respect to the actuator in the absence of the external shock force and a second latch assembly comprising a magnet assembly mounted to the housing and an actuator stop surface disposed on the actuator for magnetically interacting with the magnet assembly to restrain the actuator in a second engaged orientation in response to the external shock force.

Comp.Specn. 29 Pages; Drgs 6 Sheets.

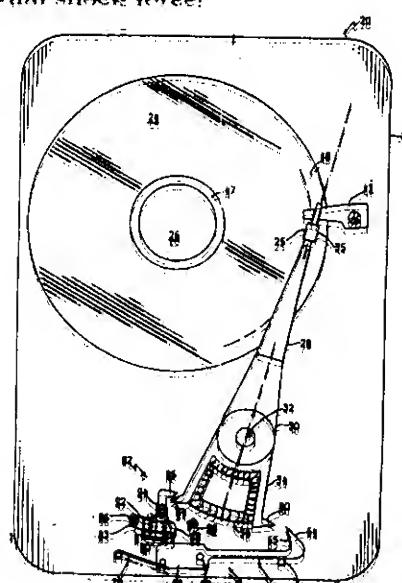


FIG. 4

Ind.Cl.:40 F

193835

Int.Cl.:A 61 L 2/00

"A system for treating a fluid to inactivate microorganisms and a method for treating a fluid therewith"

Applicant: **GAMBRO, INC.**
A US Corporation, of 10810 W Collins Ave.,
Lakewood, Colorado 80215-4439, USA

Inventors: 1. GOODRICH Raymond Paul 4. HLAVINKA Dennis
2. CORBIN Frank III
3. WOOD Edward C

Application No/N/PCT/2000/00035/CHE filed on 21st March 2000

Convention No.09/119,666 on, 21st July 1998 In US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

13 Claims

A system for treating a fluid to inactivate microorganisms such as herein described which may be present therein comprising:

- (a) a container having said fluid and comprises an endogenous alloxazine photosensitizer or endogenously-based alloxazine derivative photosensitizer, said container being equipped with input means, and having a photopermeable surface sufficient to allow exposure of the fluid therein to an amount of photoradiation sufficient to activate the photosensitizer;
- (b) at least one known photoradiation source for providing sufficient photoradiation of 300 nm to 700 nm to the fluid in said container of a type and amount selected to activate the photosensitizer whereby microorganisms present are inactivated.

Reference to : US 5290221; US 5536238; US 4612007; US 4683889; US 5798238

Ind. Ch. 761

193836

Int.Cl⁷:F 16 D 3/30

"CONSTANT VELOCITY JOINT"

Applicant: NTN CORPORATION, OF 3-17,
KYOMACHIIBORI 1-CHOME, NISHI - KU,
OSAKA - SHI, OSAKA - FU, JAPAN,
A JAPANESE COMPANY.

Inventors: 1. KEISUKE SONE 4. TATSURO SUGIYAMA
2. KAZUHIKO HOZUMI
3. YOSHIIUSA KANEKO

Application No2351/MAS/1996 filed on 24th December 1996

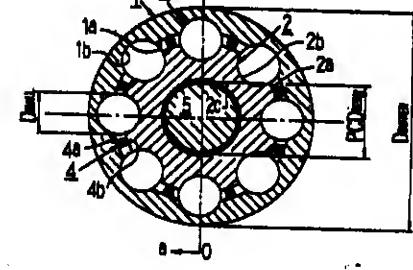
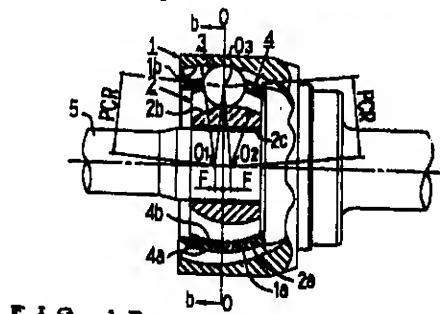
Convention No.7 - 339345 on 26th December 1995 in JAPAN

**Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.**

15 Claims

A constant velocity joint comprising: an outer joint member having a plurality of axially extending curved guide grooves formed in the spherical inner surface thereof; an inner joint member having a plurality of axially extending curved guide groove formed in the spherical outer surface thereof; a plurality of ball tracks defined between said guide grooves of said outer joint member and said guide grooves of said inner joint member corresponding thereto, all of said ball tracks being enlarged in wedge form in one sense of the axial direction; a torque transmitting ball disposed in each of said plurality of ball tracks; a cage having a plurality of pockets for storing said torque transmitting balls, wherein the number of said ball tracks and the number of said torque transmitting balls disposed are eight respectively.

Reference to : US 1, 916, 442, US 5, 692, 960,
US 1, 975, 758, US 5, 685, 777



Comp.Specn. 45 Pages; Drgs 18 Sheets.

Ind.Cl.:1761

193837

Int.Cl⁷:D01 D 3/00, C 01 B 21/14

"A PROCESS FOR SEPARATING A FRACTION CONTAINING LOW AND MIDDLE BOILERS FROM A HOMOGENEOUS MIXTURE"

Applicant: BASF AKTIENGESELLSCHAFT,
A GERMAN JOINT STOCK COMPANY,
ORGANISED AND EXISTING UNDER THE LAWS OF THE
FEDERAL REPUBLIC OF GERMANY,
OF D - 67056,LUDWIGSHAFEN,
FEDERAL REPUBLIC OF GERMANY

Inventors: I. WATZENBERGER, OTTO

Application No2317/MAS/1996 filed on 19th December 1996

Convention No.195 47 758 on, 20th December 1995 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 12003),
Patent Office, Chennai Branch.

13 Claims

A process for separating a fraction containing low and middle boilers (L,M fraction) from a homogeneous mixture comprising low, middle and high boilers (L,M,H mixture), which comprises treating the L,M,H mixture in a column with low-boiler vapor in the bottom and separating it into an L,M fraction and an L,H fraction.

Comp.Specn. 18 Pages; Drgs 01 Sheets.

Ind.Cl.:24

193838

Int.Cl⁷:B 60 T008/62

"A HYDRAULIC VEHICLE BRAKE SYSTEM WITH ANTI - LOCK DEVICE"

Applicant: ROBERT BOSCH GmbH,
POSTFACH 30 02 20,
70442 STUTTGART,
FEDERAL REPUBLIC OF GERMANY,
A GERMAN COMPANY.

Inventors: 1. Wolf - Dieter Jonner 5. Jürgen Ttenbacher 9. Hermann Kaess
2. Gunter Wolff 6. Gernard Wetzel 10. Peter Zeiner
3 . Werner Wilde 7. Rainer Heinsohn 11. Klaus Schmidt
4. Michael Tischer 8. Andreas Klug 12. Harald Ott

Application No:1466/MAS/1996 filed on 20th August 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

15 Claims

A hydraulic vehicle brake system with a two-circuit brake master cylinder, with two brake circuits in a diagonal allocation for two front-wheel brakes and two rear-wheel brakes, and with an anti-lock device which is incorporated into the brake circuits and which has, for each brake circuit, a return pump with an inlet and an outlet and a first and a second electrically controllable valve which are normally open, the first valve being arranged between the brake master cylinder and the relevant front-wheel brake, and the second valve being connected to the relevant rear-wheel brake, characterized in that the second valves (30, 31; 30b, 31b; 30d, 31d) are arranged between the rear-wheel brakes (11, 12) and the brake master cylinder (2), and in that the rear-wheel brakes (11, 12) are connected to the inlets (49) of the return pumps (32, 33) via throttles (35, 36).

Comp.Specn. 37 Pages; Drgs 10 Sheets.

Ind.Cl.:134 C, 160 D

193839

Int.Cl.⁷:B 60 G**" A SUSPENSION ARM FOR A VEHICLE"**

Applicant: **HONDA GIKEN KOGYO KABUSHIKI KAISHA**
a corporation of Japan, of 1-1, Minami Aoyama 2-chome,
Minato-ku, Tokyo, Japan

Inventors: 1. Akio TONOMURA

Application No: 1070/MAS/1996 filed on 18th June 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

3. Claims

A suspension arm for a vehicle, comprising first and second plate-like members which are superposed one on another on opposite sides of a center plane and integrally welded to each other at their peripheral edges, each of said first and second plate-like members having a vehicle body mounting portion and a knuckle mounting portion provided respectively at its base and tip ends, such that said first and second plate-like members are located on said center plane, and each of said first and second plate-like members wherein a stabilizer mounting portion is provided at its intermediate portion with a stabilizer mounting means which is connected to said stabilizer mounting portion, said first or second plate-like member being located at an upper side, such that said suspension arm can be used on a left suspension arm or a right suspension arm, wherein said first and second plate-like members are provided with stabilizer support surfaces at equal distances from said center plane, respectively, said stabilizer mounting portion being formed in said stabilizer supporting surface provided on one of said first and second plate-like members, and said stabilizer supporting surface provided on the other of said first and second plate-like members being provided with an opening for preventing the interference with said stabilizer mounting means.

Comp.Specn. 21 Pages; Drgs 15 Sheets.

Ind.Cl.:129 J

193840

Int.Cl.:B 21 B 37/12

"A METHOD AND A ROLLING INSTALLATION FOR COLD ROLLING OF A STRIP"

Applicant: SOLIAC,
A FRENCH COMPANY,
IMMEUBLE " LA PACIFIC" LA DEFENSE 7,
11/13, COURS VALMY 92800 PUTEAUX,
FRANCE

Inventors: 1. MIEZE REGIS 4. SILVEY LELIOIS CHRISTOPHE
2. ROBERT GERARD 5. ABIKARAM MICHEL
3. PIQUET DANIEL

Application No:999/MAS/1996 filed on 07th June 1996

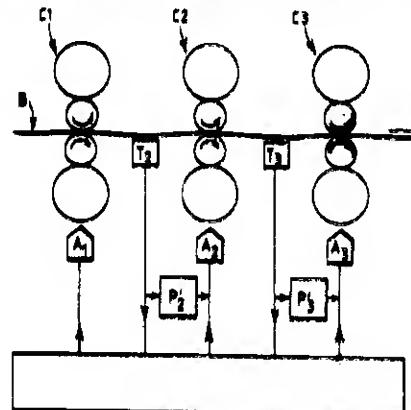
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, -2003),
Patent Office, Chennai Branch.

05 Claims

A method of cold rolling a strip (B) between the cylinders of rolling housings (C₁, C₂, C₃) disposed one after the other in which out-of-round defects of at least one of the rolling housings are corrected by the following steps:

- measuring in continuous the tension in the strip (B) immediately upstream of the said rolling housing for obtaining a tension measurement signal,
- analyzing the tension measurement signal as a function of frequency,
- extracting from the tension measurement signal, at least the periodic variations whose frequencies correspond to the instantaneous speed of rotation of the cylinders of the rolling housing,
- elaborating a compensation signal proportional to the extracted periodic variations,
- modifying a tightening set-point value of the rolling housing in real time through the compensation signal.

Comp.Specn. 16 Pages; Drgs 03 Sheets.



CLAIM UNDER SECTION 20(1)

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the applicants for Patent No. 2049/MAS/98 dated 11/09/98 filed by DR. REDDY'S RESEARCH FOUNDATION (DRF) has been allowed to proceed in the name of DR. REDDY'S LABORATORIES LTD. of 7-1-27 ameerpeta, Hyderabad-500 016, AP, India.

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the applicants for Patent No. 2060/MAS/98 dated 14/09/98 filed by DR. REDDY'S RESEARCH FOUNDATION (DRF) has been allowed to proceed in the name of DR. REDDY'S LABORATORIES LTD. of 7-1-27 ameerpeta, Hyderabad-500 016, AP, India.

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the applicants for Patent No. 2435/MAS/98 dated 29/10/98 filed by DR. REDDY'S RESEARCH FOUNDATION (DRF) has been allowed to proceed in the name of DR. REDDY'S LABORATORIES LTD. of 7-1-27 ameerpeta, Hyderabad-500 016, AP, India.

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the applicants for Patent No. 2451/MAS/98 dated 30/10/98 filed by DR. REDDY'S RESEARCH FOUNDATION (DRF) has been allowed to proceed in the name of DR. REDDY'S LABORATORIES LTD. of 7-1-27 ameerpeta, Hyderabad-500 016, AP, India.

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the applicants for Patent No. 2567/MAS/98 dated 12/11/98 filed by DR. REDDY'S RESEARCH FOUNDATION (DRF) has been allowed to proceed in the name of DR. REDDY'S LABORATORIES LTD. of 7-1-27 ameerpeta, Hyderabad-500 016, AP, India.

OPPOSITION PROCEEDING (U/S. 25)

An opposition entered by M/s. Brakes India Limited, Chennai to the grant of a Patent to the application No. 187596 (720/Cal/96) has been dismissed and the application for patent has been ordered to proceed for sealing if requested for.

An opposition entered by M/s. Research Designs & Standards Organisation, Lucknow to the grant of a Patent to the application No. 191897 (1355/Cal/97) dated 21.07.1997 made by /s. Bina Metal Way Ltd., amshedpur, Bihar.

CANCELLATION PROCEEDINGS UNDER SECTION 19 (1)

“An application for cancellation of the registration of Registered Design No. 177674 in Class 3 dated 9/10/1998 in the name of MOLD TEK PLASTICS LIMITED filed by YASH PLASTOMET PVT. LTD. on 18/3/2004.”

“An application for cancellation of the registration of Registered Design No. 177678 in Class 3 dated 9/10/1998 in the name of MOLD TEK PLASTICS LIMITED filed by YASH PLASTOMET PVT. LTD. on 18/3/2004.”

“An application for cancellation of the registration of Registered Design No. 178415 in Class 1 dated 5/1/1999 in the name of TAPARIA TOOLS LIMITED filed by EASTMAN CAST & FORGE LIMITED on 22/6/2004.”

“An application for cancellation of the registration of Registered Design No. 180657 in Class 3 dated 26/10/1999 in the name of MOLD TEK PLASTICS LIMITED filed by YASH PLASTOMET PVT. LTD. on 18/3/2004.

“An application for cancellation of the registration of Registered Design No. 180660 in Class 3 dated 26/10/1999 in the name of MOLD TEK PLASTICS LIMITED filed by YASH PLASTOMET PVT. LTD. on 18/3/2004.

“An application for cancellation of the registration of Registered Design No. 187706 in Class 09-03 dated 2/1/2002 in the name of MOLD TEK TECHNOLOGIES LIMITED filed by YASH PLASTOMET PVT. LTD. on 18/3/2004.

“An application for cancellation of the registration of Registered Design No. 190368 in Class 09-07 dated 28/11/2002 in the name of MOLD TEK TECHNOLOGIES LIMITED filed by YASH PLASTOMET PVT. LTD. on 18/3/2004.

CHENNAI—FROM 01/03/2004 TO 31.03.2004

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CHENNAI—FROM 01/04/2004 TO 28.04.2004

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PATENTS SEALED ON 28-07-2004/KOLKATA

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KOLKATA—24

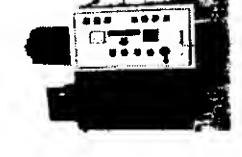
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REGISTRATION OF DESIGNS

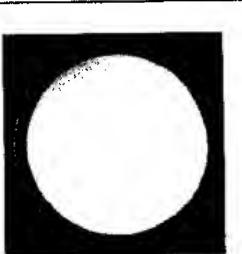
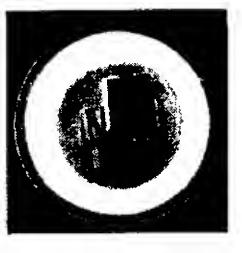
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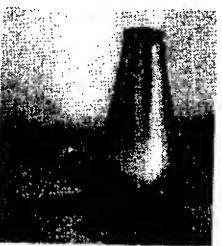
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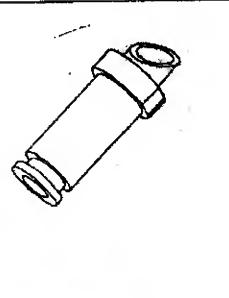
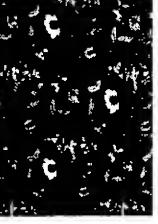
Class 	09-03	No.193191. BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, OF GLOBE HOUSE, 1 WATER STREET, LONDON WC2R, 3LA, UNITED KINGDOM. "PACKAGE" 12.03.2003 (RECIPROCITY U.K.)	
Class 	07-07	No.193328. KRUPA INDUSTRIES, 228, B.T. COMPOUND, MALAD (W), MUMBAI-400 064, STATE OF MAHARASHTRA, (INDIA), "LUNCH BOX" 22.09.2003	
Class 	15-99	No.193189. TOSHNIWAL INSTRUMENTS (MADRAS) PVT. LTD., 267, KILPAUK GARDEN ROAD, KILPAUK, CHENNAI: -600 010, TAMILNADU, INDIA. "TWIN PADDLE MIXER" 11.09.2003	
Class 	13-03	No.192767. NIPA INTERNATIONAL PVT. LTD., 412, UDYOG VIHAR, PHASE-III, GURGAON-122016, HARYANA, INDIA. "ELECTRICAL SWITCH MODULAR PLATE" 06.08.2003	

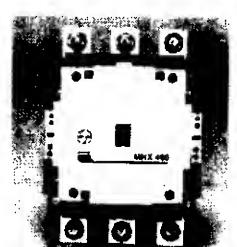
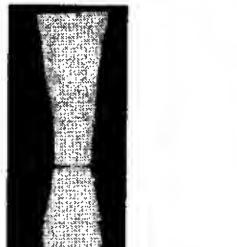
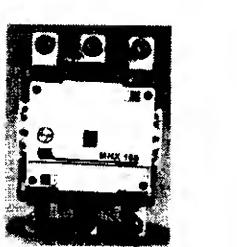
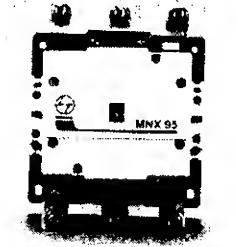
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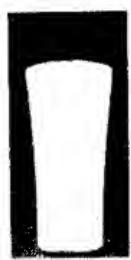
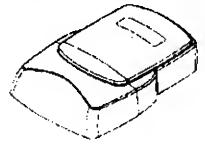
Class	26-05	No.190231. MANEK PLASTICS, OF SURVEY NO.185/1/1, PLOT NO.19, DOKMARDI, VILLAGE AMLI, SILVASSA-396230, UNION TERRITORY OF DADRA & NAGAR HAVELI, INDIA. "LAMPSHADE" 17.10.2002	
Class	08-05	No.189612. NANGALWALA CHEMICAL INDUSTRIES, 29-30 OLD INDUSTRIAL AREA NEAR I.T.I. ROAD, ALWARA 301001, RAJASTHAN, INDIA. "BATTERY TERMINAL CLIP" 30.07.2002	
Class	19-06	No.192961. A.K.K. ENTERPRISES, NIRMAL NAGAR, DUGRI LUDHIANA 141002 (PUNJAB) INDIA, "PENCIL CUSHION" 19.08.2003	
Class	19-06	No.192963. A.K.K. ENTERPRISES, NIRMAL NAGAR, DUGRI LUDHIANA 141002 (PUNJAB) INDIA, "PENCIL PILLOW" 19.08.2003	
Class	07-01	No.193056. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 TH FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	

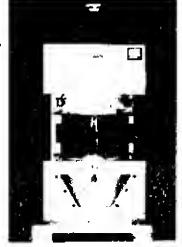
Class	07-01	No.193061. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 TH FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193057. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 TH FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193060. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 TH FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	07-01	No.193163. JOYFUL PLASTICS PVT. LTD., A COMPANY REGISTERED IN INDIA, 9-15, POOJA INDUSTRIAL ESTATE, WALIV VILLAGE, VASAI (EAST), DIST. THANE, PIN:-401 202, MAHARASHTRA, INDIA. "BOTTLE" 05.09.2003	
Class	07-06	No.193162. SNEHA PLASTICS., GALA NO. I, MANISHUVRAT IND. ESTATE, SATIVALI ROAD, NEAR TIRUPATI UDYOG, VASAI (E), STATE OF MAHARASHTRA, (INDIA), "MULTIPURPOSE STAND" 05.09.2003	

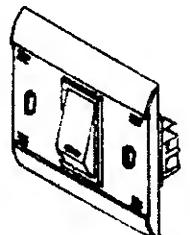
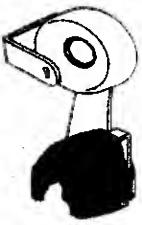
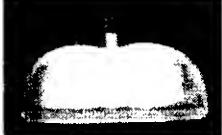
Class	09-07	No.193158. TRUE PACK PVT. LTD. OF 485, 13 TH CROSS IVTH PHASE, PEENYA INDUSTRIAL AREA, BANGALORE-560058, KARNATAKA, INDIA. "CONTAINER" 09.09.2003	
Class	02-04	No.193442. M/S. TRELA FOOTWEAR EXPORTS PVT. LTD., OF D-38, SITE-C,INDUSTRIAL AREA, SIKANDRA, AGRA-282 007, U.P.,(INDIA). "SOLE FOR FOOTWEAR" 08.10.2003	
Class	11-02	No.193077. RAVIASSANT PVT. LTD., AN INDIAN COMPANY OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI: -110 065, INDIA. "SILVER VASE WITH BASE" 29.08.2003	
Class	26-01	No.193081. RAVIASSANT PVT. LTD., AN INDIAN COMPANY OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI: -110 065, INDIA. "CANDLE STAND WITH BASE" 29.08.2003	
Class	11-02	No.193080. RAVIASSANT PVT. LTD., AN INDIAN COMPANY OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI: -110 065, INDIA. "SILVER VASE WITH BASE" 29.08.2003	

Class	28-01	No.193300. M/S. CIPLA LIMITED, AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA. "SPIKE OF DRY POWDER INHALER" 22.09.2003	
Class	09-07	No.193363. TRUE PACK PVT. LTD. OF 485, 13 TH CROSS IVTH PHASE, PEENYA INDUSTRIAL AREA, BANGALORE-560058, KARNATAKA, INDIA. "CONTAINER" 29.09.2003	
Class	09-01	No.192805. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "BOTTLE WITH CAP" 08.08.2003	
Class	12-16	No.193992. M.T. ENTERPRISES, N-184, SECTOR-I, DR. SHAYAMA PRASAD MUKHARJI INDUSTRIAL ESTATE, BAWANA, DELHI: -110 039, INDIA, "MUD FLAP FOR QUALIS" 09.12.2003	
Class	05-05	No.194571. THE RISHABH VELVEEEN LIMITED, AT 9 TH KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 10.02.2004	

Class	09-07	No.193365. TRUE PACK PVT. LTD. OF 485, 13 TH CROSS IVTH PHASE, PEENYA INDUSTRIAL AREA, BANGALORE-560058, KARNATAKA, INDIA. "CONTAINER" 29.09.2003	
Class	13-03	No.194230. LARSEN & TOUBRO LIMITED, L&T HOUSE BALLARD ESTATE, MUMBAI: -400 001, MAHARASHTRA, INDIA, "CONTACTOR" 31.12.2003	
Class	09-03	No.192806. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "DOUBLE STORAGE CONTAINER" 08.08.2003	
Class	13-03	No.194229. LARSEN & TOUBRO LIMITED, L&T HOUSE BALLARD ESTATE, MUMBAI: -400 001, MAHARASHTRA, INDIA, "CONTACTOR" 31.12.2003	
Class	13-03	No.194228. LARSEN & TOUBRO LIMITED, L&T HOUSE BALLARD ESTATE, MUMBAI: -400 001, MAHARASHTRA, INDIA, "CONTACTOR" 31.12.2003	

Class	09-01	No.192804. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "BOTTLE WITH CAP" 08.08.2003	
Class	09-01	No.192807. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "CONTAINER"" 08.08.2003	
Class	24-01	No.193863. ARACARIA B.V. OF TELEPORTBOULEVARD 140 NL-1043 PJ AMSTERDAM, THE NETHERLANDS. "THERAPEUTICAL LAMP" 18.11.2003	
Class	09-07	No.193362. TRUE PACK PVT. LTD. OF 485, 13 TH CROSS IVTH PHASE, PEENYA INDUSTRIAL AREA, BANGALORE-560058, KARNATAKA, INDIA. "CONTAINER" 29.09.2003	
Class	10-04	No.194249. ISKRAEMECO MERJENJE IN UPRAVLJANJE ENERGIJE D.D. OF SAVSKA LOKA 4, SI-4000 KRANJ, SLOVENIA, "ELECTRICITY METER" 16.07.2003 (RECIPROCITY, INTERNATIONAL [WIPO])	

Class	15-09	No.193435. MILLTEC MACHINERY PVT. LTD., OF 235-R, KIADB INDL. AREA, III PHASE, BOMMASANDRA, BANGALORE:-562 158, KARNATAKA, INDIA. "MINI WHITENER" 13.10.2003	
Class	23-01	No.192953. M/S. ELECTRO-PLASMA EQUIPMENTS PVT. LTD. OF ACME INDUSTRIAL PARK, UNIT NO. 104, 1 ST FLOOR,W.E. HIGHWAY, OFF I.B. PATEL ROAD, GOREGAON (E), MUMBAI-400063, MAHARASHTRA, INDIA. "NOZZLE" 18.08.2003	
Class	23-04	No.194305. ACHAL ANIL BAKERI, INDIA, 415, BODAKDEV, AHMEDABAD-380054, GUJARAT STATE, INDIA. "AIR COOLER" 19.01.2004	
Class	13-03	No.193761. PRIDE ELECTRONICS, UNIT NO. 9, 2 ND FLOOR, B BUILDING, GHANSHYM INDUSTRIAL ESTATE, ANDHERI WEST, MUMBAI-400053, MAHARASHTRA, INDIA, "FALSE CEILING LIGHT FIXTURES" 12.11.2003	
Class	13-03	No.193759. PRIDE ELECTRONICS, UNIT NO. 9, 2 ND FLOOR, B BUILDING, GHANSHYM INDUSTRIAL ESTATE, ANDHERI WEST, MUMBAI-400053, MAHARASHTRA, INDIA, "FALSE CEILING LIGHT FIXTURES" 12.11.2003	

Class	13-03	No.193005. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 ST FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA) "SWITCH" 26.08.2003.	
Class	15-06	No.193452. KABUSHIKI KAISHA TOYOTA, JIDOSHOKKI A JAPANESE COMPANY OF 2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN, JAPAN. "TENSION ARM FOR SPINDLE TAPE IN SPINNING MACHINE" 15.04.2003 (RECIPROCITY, JAPAN)	
Class	07-05	No.193160. JEWEL PLAST, PLOT NO.361/8, SHREE GANESH IND. ESTATE, KACHI-GAM, DAMAN-396210, MAHARASHTRA, (INDIA), "DUST BIN" 05.09.2003	
Class	08-07	No.194166. SUNIL TRIKAMLAL PANCHAL, HAVING NATIONALITY INDIAN, OF SHREEJI INDUSTRIES, 23, MADHURAM COMPLEX, NEAR KESHAVNAGAR, SUBHASHBRIDGE, AHMEDABAD-380 027, GUJARAT, INDIA, "SEAL" 30.12.2003	
Class	13-03	No.193760. PRIDE ELECTRONICS, UNIT NO. 9, 2 ND FLOOR, B BUILDING, GHANSHYM INDUSTRIAL ESTATE, ANDHERI WEST, MUMBAI-400053, MAHARASHTRA, INDIA, "FALSE CEILING LIGHT FIXTURES" 12.11.2003	

Class	28-03	No.193340. CRYSTAL PLASTICS & METALLIZING PVT. LTD., AT SANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRABHADEVI, MUMBAI- 400 025, MAHARASHTRA, INDIA. "COMB" 25.09.2003	
Class	09-01	No.194308. ALPHA PACKAGING LTD., AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT 1, JASH MARKET, SURAT 395002, GUJARAT, INDIA. "BOTTLE" 16.01.2004.	

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